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Energy Saving And Low Carbon,
Scientific Development

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浙江浙東閥門股份有限公司

ZHEJIANG ZHEDONG VALVE CORP., LTD.

浙東閥門股份

PANS®

ZHEDONG VALVE

产品选型手册
PRODUCT SELECTION GUIDE

ABOUT US 关于我们



浙江浙东阀门股份有限公司创办于1985年，拥有浙江浙东与上海浙东两大品牌。注册总资金10080万元，总占地面积60000m²，建筑面积48000m²。注册商标有“”和“PANS”，其中商标在国际注册9个国家，是“浙江省著名商标”。前身为浙东高中压阀门有限公司，由于企业发展规划进行股改原浙东高中压阀门有限公司，上海浙东阀门集团所有业务纳入新公司浙江浙东阀门股份有限公司运营管理。

公司是集设计、研发、生产、国内外销售和技术服务为一体的科技型、外向型、规模型高中压阀门专业化制造企业；拥有各类数控加工中心等主要精良装备400余台（套），现代化检验、检测设备200余台（套）；是高新技术企业、“省科技型企业”、“优秀创新型企业”、“温州中小企业30强”、“中国泵阀之乡30强”、省、市“成长型企业”、国家“出口产品绿色通道企业”。

主导产品为公称口径：DN15mm~DN1200mm (1/2"~48")；公称压力：PN1.0Mpa~42.0Mpa (150Lb~2500Lb)；工作温度-101℃~+800℃的闸阀、截止阀、止回阀、球阀、旋塞阀、波纹管截止阀、均通过国家“TS” A级认证以及美国石油协会API 6D认证，拥有省级企业技术中心，员工860余名，科技人员260余名。其中高级工程师（含教授级）、工程师等90余名；获得国家发明等授权专利近10项；省重点高新技术产品等10余项；省科技成果7项；科技进步奖4项；产品获得“温州名牌产品”称号。

公司是中国通用机械协会理事、永嘉泵阀协会副会长单位；中国化工装备总公司泵阀定点生产企业；中石油一级供应网络成员；中石化优秀供应商；国电力电站配件供应网络成员；商务部“AAA诚信企业”；中国泵阀之乡“明星企业”；永嘉“巨龙企业”；“纳税大户”；“重合同守信用单位”；工行温州分行“AAA级信用”企业；中燃气会员单位；中石化设工协会会员单位；中质协会会员单位。

严格按照国际ISO、美国API、ANSI、英国BS、德国DIN、法国NF、日本JIS、JPI、俄罗斯ГОСТ、中国GB、JB以及企业标准组织生产并可根用户特殊要求设计、冶炼和制造；多年来产品质量经国家质监总局和省质监局10多次抽查和检查均合格，被评为“全国产品质量监督抽查合格”单位，证明产品质量长期稳定可靠；广泛应用于国内外石油天然气、石化、钢铁、冶金、电站、化工、制药、水力、液化气管道、建筑、消防等行业管网系统的阀门配套；产品畅销全国各地，并远销美洲、加拿大、欧盟、独联体国家、中东、东南亚等30多个国家和地区，受到用户的广泛青睐和赞誉，年出口额在同行名列前茅，在国内外赢得了良好的口碑，市场前景十分看好。

公司较早通过，特种设备（压力管道）制造（TS）A级，环境体系认证ISO9001，ISO14001、ISO45001、美国石油协会API 6D、欧盟CE、认证；标准化良好行为AA级、计量检测体系市级和采用国际标准合格确认；是首批中国特种设备（压力管道）制造（TS）许可转换单位。

我们向国内外新老客户郑重承诺：提供质量上乘、货真价实、100%合格的产品，目标是创建国际阀门品牌；以优良的服务，提供最有价值的产品，目的是与国内外新老客户一起实现双赢！

Zhejiang Zhedong Valve Corp., Ltd., founded in 1985, owns two major brands, Zhejiang Zhedong and Shanghai Zhedong. The total registered capital is 100.8 million yuan, with a total area of 60,000m² and a construction area of 48,000m². The registered trademarks are "" and "PANS", of which the trademark is registered in  9 countries internationally, and it is a "Famous Trademark in Zhejiang Province". Formerly known as Zhedong High and Medium Pressure Valve Co., Ltd., due to the corporate development plan, the original Zhedong High and Medium Pressure Valve Co., Ltd. was reformed, and all the business of Shanghai Zhedong Valve Group was incorporated into the operation and management of the new company, Zhejiang Zhedong Valve Co., Ltd.

The company is a high-tech, export-oriented and large-scale high- and medium-pressure valve specialized manufacturing enterprise integrating design, research and development, production, domestic and foreign sales and technical services; it has more than 400 sets (sets) of major sophisticated equipment such as various CNC machining centers, more than 200 sets (sets) of modern inspection and testing equipment; it is a high-tech enterprise, "provincial science and technology enterprise", "excellent innovative enterprise", "Top 30 Small and Medium Enterprises in Wenzhou", "Top 30 Hometown of Pumps and Valves in China", Provincial and municipal "growth-oriented enterprises" and national "green channel enterprises for export products".

The main products are nominal diameter: DN15mm~DN1200mm (1/2"~48"); nominal pressure: PN1.0Mpa~42.0Mpa (150Lb~2500Lb); gate valve, globe valve, working temperature -101℃~+800℃, Check valves, ball valves, plug valves, and bellows globe valves have all passed the national "TS" A-level certification and the American Petroleum Institute API 6D certification. It has a provincial-level enterprise technology center with more than 860 employees and more than 260 scientific and technological personnel. Among them, there are more than 90 senior engineers (including professor-level) and engineers; nearly 10 authorized patents for national inventions; more than 10 provincial key high-tech products; 7 provincial scientific and technological achievements; 4 scientific and technological progress awards; Wenzhou Famous Brand Product title.

The company is a director of China General Machinery Association and a vice-chairman unit of Yongjia Pump and Valve Association; a designated pump and valve manufacturer of China National Chemical Equipment Corporation; a member of the first-class supply network of PetroChina; an excellent supplier of Sinopec; a member of the State Power Station Parts Supply Network; Ministry of Commerce "AAA Integrity Enterprise"; "Star Enterprise" in China's Hometown of Pumps and Valves; "Dragon Enterprise" in Yongjia; "Large Tax Payer"; Member unit of Sinopec Engineering Association; member unit of China Quality Association.

Strictly organize production in accordance with international ISO, American API, ANSI, British BS, German DIN, French NF, Japanese JIS, JPI, Russian ГОСТ, Chinese GB, JB and enterprise standards, and can design, smelt and manufacture according to the special requirements of users; The product quality has passed more than 10 random inspections and inspections by the State General Administration of Quality Supervision and the Provincial Quality Supervision Bureau, and has been rated as a "National Product Quality Supervision and Sampling Inspection Qualified" unit, which proves that the product quality is stable and reliable for a long time; it is widely used in domestic and foreign oil and gas, petrochemical, steel, metallurgy, power station, chemical, pharmaceutical, hydraulic, liquefied gas pipeline, construction, fire protection and other industries pipe network system valve matching; products sell well all over the country, and exported to the Americas, Canada, the European Union, the CIS countries, the Middle East, More than 30 countries and regions such as Southeast Asia are widely favored and praised by users. The annual export volume ranks among the best in the industry. It has won a good reputation at home and abroad, and the market prospect is very promising.

The company passed earlier, special equipment (pressure pipeline) manufacturing (TS) grade A, environmental system certification ISO9001, ISO14001, ISO45001, American Petroleum Institute API 6D, EU CE, certification; standardization good behavior AA grade, measurement and testing system municipal level and Adopting international standard qualification confirmation; it is the first batch of Chinese special equipment (pressure pipeline) manufacturing (TS) license conversion units.

We solemnly promise to new and old customers at home and abroad: to provide high-quality, genuine and 100% qualified products, the goal is to create an international valve brand; to provide the most valuable products with excellent service, the goal is to cooperate with new and old customers at home and abroad. Achieve a win-win situation!

B

CERTIFICATIONS 资质证书

公司获得的资质和荣誉，是对企业过去取得成绩的肯定，也是对企业创造明日辉煌的鼓舞和鞭策！向新的台阶迈进，是团队的顽强拼搏，永不停歇的信念！

The qualifications and honors obtained by the company are the affirmation of the company's achievements in the past, and also the encouragement and encouragement for the company to create a brilliant future! To advance to a new level is the tenacious struggle of the team and the belief that will never stop!



O

ORGANIZATION 组织机构



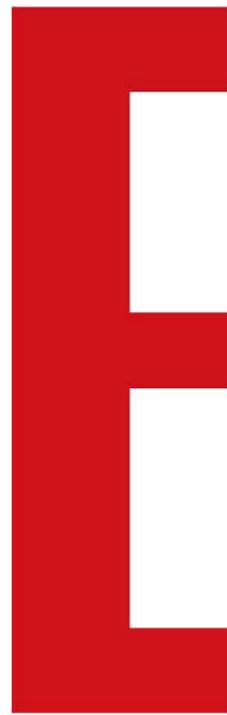
沟通无限制与同事、与上级、与下级、与客户、甚至与竞争对手都要倡导沟通。

浙东企业要实现无限制的沟通，任何一个员工都可以直接找到领导进行沟通，领导也可以找任何一个员工进行对等交流。

Unrestricted communication. Advocate communication with colleagues, superiors, subordinates, customers, and even competitors.

To realize unrestricted communication in Zhedong enterprises, any employee can directly find the leader for communication, and the leader can also find any employee for peer-to-peer communication.





PRODUCT DEVELOPMENT 产品研发



秉承重视技术创新的优良传统，为了进一步加大管道理论研究和技术开发力度，为了持续开发新产品，提高产品的技术含量和附加值，企业投入巨资建设研发中心，保持企业产品品质领先行业水平。

Adhering to the fine tradition of attaching importance to technological innovation, in order to further increase the strength of pipeline theoretical research and technology development, in order to continuously develop new products and improve the technical content and added value of products, the company has invested heavily in the construction of R&D centers to maintain the company's product quality leading the industry level.



EXCELLENT TEAM 优秀团队

一个完整的销售流程应当至少包括售前服务、售中服务、与售后服务三个部分。在当前市场环境下，售后服务被放到特别突出的位置，很少有人研究分析售中的售前服务问题。在整个营销和销售系统中，售前服务是营销和销售之间的纽带，作用至关重要，不可忽视。

浙东企业，在顾客未接触产品时协助顾客做好工程规划和系统需求分析，使我们的产品能够最大限度的满足顾客需求，同时也使顾客的投资发挥出最大的综合经济效益。

A complete sales process should include at least three parts: pre-sales service, in-sale service, and after-sales service. In the current market environment, after-sales service has been placed in a particularly prominent position, and few people have studied and analyzed the pre-sale service issues in sales. In the entire marketing and sales system, pre-sales service is the link between marketing and sales. Its role is very important and cannot be ignored.

Zhedong enterprises assist customers in engineering planning and system demand analysis when they are not in contact with products, so that our products can meet customer needs to the greatest extent, and at the same time, customers' investment can maximize comprehensive economic benefits.



培养科学研究精神 提高实践创新能力

Cultivate the spirit of scientific research
Improve practical innovation ability





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

In order to provide high-quality products, the company is equipped with advanced testing equipment and a complete testing process, and has established a strict quality management team to achieve quality control from raw material testing, production process testing, product and application process.

F

PRODUCT TESTING

产品检测





SOPHISTICATED EQUIPMENT

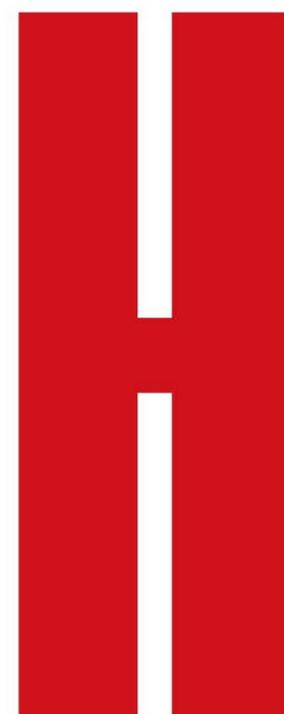
精良设备

企业拥有世界先进的生产设备，运用崭新的工业概念及强大的技术力量，生产出符合国际标准的高品质产品。

精良的现代化数控加工装备和独特的技术工艺实现了浙东企业的完美呈现，自主技术开发的高品质产品充分体现了浙东企业对品牌国际化战略的不懈追求。

The company has the world's most advanced production equipment, and uses new industrial concepts and strong technical force to produce high-quality products that meet international standards.

Sophisticated modern CNC machining equipment and unique technical processes have realized the perfect presentation of Zhejiang eastern enterprises.



PANS[®]
ZHEONG VALVE

PRODUCT DISPLAY

产品展示

我们追求生产的精确性，精细化。不断完善自己的精益生产方式，包括每一个零部件，都严格按标准精心打造，确保产品的高品质。

We pursue the precision and refinement of production. Constantly improve its own lean production method, including every component, are carefully built in strict accordance with the standards to ensure the high quality of products.

GATE/GLOBE/CHECK/BALL/BUTTERFLY VALVE SERIES

闸阀/截止阀/止回阀/球阀/蝶阀系列

◎产品特点 Product features

我公司生产的美标闸阀，完全按照美国标准设计制造，结构美观、先进，阀门的启闭件是闸板，闸板的运动方向与液体方向相垂直，闸阀只能作全开和全关，不能作调节和节流，闸板有两个密封面，楔形角为2°-52'。楔式闸阀的闸板可以做成一个整体，叫做刚性闸板；也可以做成能产生微量变形的闸板，以改善其工艺性，弥补密封面角度在加工过程中产生的偏差，这种闸板叫做弹性闸板。

American Standard gate valve produced by our company, in full accordance with the American Standard Design and manufacture, beautiful structure, advanced valve opening and closing parts is the gate, gate movement direction and perpendicular to the direction of the liquid, the valve can only be fully open and fully closed, can not be adjusted and the throttle gate has two sealing surfaces, the wedge angle is 2°-52'. The gate of wedge gate valve can be made into a whole, which is called rigid gate. It can also make sluice that can produce micro deformation, so as to improve its manufacturability and make up for the deviation produced by the angle of seal face during processing. This gate is called elastic gate.

◎执行标准 Performance standard

设计与制造 Design and manufacturing	结构长度 Face to face dimension	法兰尺寸 Flange size	对焊连接尺寸 Welding connection size	试验与检验 Test and inspection	压力-温度等级 Pressure temperature class
API 6D、600	ANSI B16.10	ANSI B16.5	ANSI B16.25	API 598、API 6D	ANSI B16.34

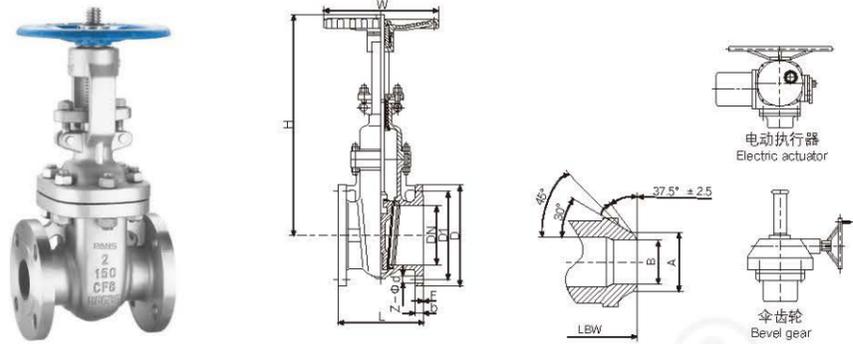
◎主要性能规范 Main performance specification

公称压力 Nominal pressure	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	2250	11.2	1630		
900	25.1	3350	16.8	2440		
1500	38.4	6675	28.1	4080		
2500	64.6	9367	47.4	6873		

◎主要零部件材质 Materials of main parts

阀、盖、瓣 Valve, bonnet, disc	阀杆 Stem	密封面 Sealing surface	垫片(环) Gasket (ring)	填料 Packing	工作温度(°C) Working temperature (°C)	适用介质 Applicable medium
WCB	2Cr13	13Cr STL 本体材料 Bulk material PTFE 尼龙Nylon	增强柔性石墨 13Cr/柔性石墨 Enhanced flexible graphite 13Cr/ flexible graphite SFB-2 08碳钢 F304 F316 F304L F316L	柔性石墨 增强柔性石墨 Flexible graphite Enhanced flexible graphite SFB1260 SFP1260 PTFE	≤420	水、蒸汽、油品 Water, steam, oil
WC1	38CrMoA1 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					

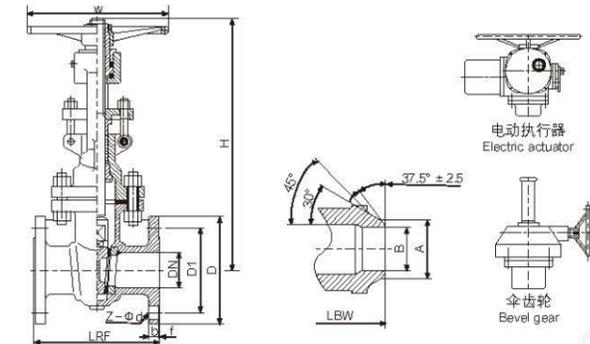




◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

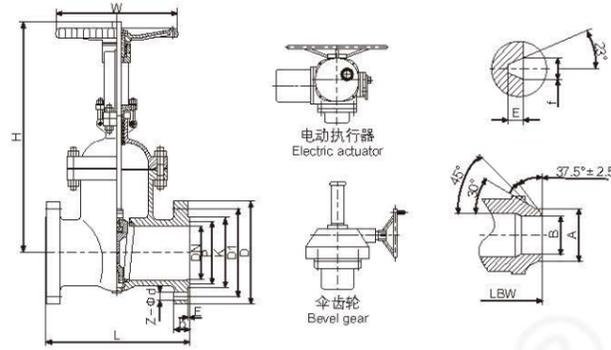
in	DN	LRF	LBW	D	D1	b	Z-Φd	A	B	H	W
150Lb											
2	50	178	216	150	120.5	14	4-19	60	52	325	200
2 1/2	65	191	241	180	139.5	16	4-19	75	63	350	200
3	80	203	283	190	152.5	17.5	4-19	91	78	380	250
4	100	229	305	230	190.5	22	8-19	117	102	460	250
5	125	254	254	255	216	22	8-22	144	128	630	250
6	150	267	403	280	241.5	24	8-22	172	154	652	300
8	200	292	419	345	298.5	27	8-22	223	203	765	350
10	250	330	457	405	362	28.6	12-25	278	255	895	400
12	300	356	502	485	432	30	12-25	329	305	1080	450
14	350	381	572	535	476	33.4	12-29	362	337	1295	500
16	400	406	610	595	540	35	16-29	413	387	1435	600
18	450	432	660	635	578	38	16-32	464	438	1625	600
20	500	457	711	700	635	41	20-32	516	489	1830	650
24	600	508	813	815	749.5	46	20-35	619	591	2175	700
26	650	559	864	786	744	41	36-29	670	635	2235	750
28	700	610	914	837	795	44.5	40-32	721	686	2310	800
30	750	610	914	888	846	44.5	44-33	772	737	2695	850
32	800	660	965	941.3	900	46	48-23	825	979	3708	-
36	900	711	1016	1057	1009.6	53	44-25	927	900	3924	-
40	1000	812	-	1175	1120.6	56	44-25	1080	1000	4318	-



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LRF	LBW	D	D1	b	Z-Φd	A	B	H	W
300Lb											
2	50	216	216	165	127.0	21	8-19	60	52	330	200
2 1/2	65	241	241	191	149.4	24	8-22	75	63	370	240
3	80	283	283	210	168.1	27	8-22	91	78	395	300
4	100	305	305	255	200.2	30	8-22	117	102	470	320
5	125	381	381	280	235.0	33	8-22	144	128	660	350
6	150	403	403	320	269.7	35	12-22	172	154	715	400
8	200	419	419	380	330.2	40	12-25	223	203	815	400
10	250	457	457	445	387.4	46	16-29	278	255	1005	450
12	300	502	502	520	450.9	49	16-32	329	305	1135	500
14	350	762	762	585	514.5	52	20-32	362	337	1490	550
16	400	838	838	650	571.5	56	20-35	413	387	1580	600
18	450	914	914	710	628.5	59	24-35	464	438	2020	650
20	500	991	991	775	686	62	24-35	516	489	2230	700
24	600	1143	1143	915	813	68	24-41	619	591	2650	750
26	650	1245	1245	867	803	89	32-32	670	635	3220	800
28	700	1346	1346	921	857	89	36-34	721	686	3380	850
30	750	1397	1397	991	921	94	36-36	772	737	3530	900
32	800	1524	1524	1054	978	103	32-41	825	797	-	-
36	900	1727	1727	1171	1089	103	36-35	927	900	-	-



◎主要外形尺寸和连接尺寸 Main shape size and connection size

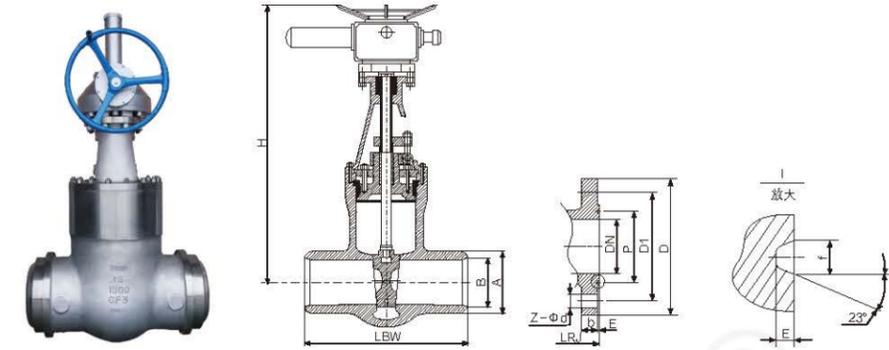
单位(Unit): mm

in	DN	LRF	LBW	LRJ	D	D1	b	Z-Φd	K	P	E	A	B	H	W
600Lb															
2	50	292	292	295	165	127	26	8-19	108	82.55	7.92	60	49	428	280
2 1/2	65	330	330	333	190	149.5	29	8-22	127	101.6	7.92	75	59	485	320
3	80	356	356	359	210	168	32	8-22	146	123.83	7.92	91	74	510	350
4	100	432	432	435	275	216	39	8-25	175	149.23	7.92	117	97	610	400
5	125	508	508	511	330	266.5	45	8-29	210	180.98	7.92	144	122	700	450
6	150	559	559	562	355	292	48	12-29	241	211.12	7.92	172	146	820	500
8	200	660	660	664	420	349	56	12-32	302	269.88	7.92	223	194	920	600
10	250	787	787	791	510	432	64	16-35	356	323.85	7.92	278	243	1080	650
12	300	838	838	841	560	489	67	20-35	413	381.00	7.92	329	298	1220	650
14	350	889	889	892	605	527	70	20-38	457	419.10	7.92	362	330	1475	700
16	400	991	991	994	685	603	76	20-41	508	469.90	7.92	413	373	1650	800
18	450	1092	1092	1095	745	654	83	20-45	575	533.40	7.92	464	419	1730	800
20	500	1194	1194	1200	815	724	89	24-45	635	584.20	9.53	516	467	2020	850
24	600	1397	1397	1407	940	838	102	24-51	749	692.15	11.13	619	560	2155	900

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LBW	LRJ	D	D1	b	Z-Φd	K	P	E	A	B	H	W	
900Lb															
2	50	368	371	215	165.1	38	8-25	124	95.25	7.92	60	49	520	300	
2 1/2	65	419	422	245	190.5	41	8-29	137	107.95	7.92	75	59	585	350	
3	80	381	384	340	190.5	38	8-25	156	123.83	7.92	91	74	650	400	
4	100	457	460	290	235.0	45	8-32	181	149.23	7.92	117	97	750	400	
5	125	559	562	350	279.4	51	8-35	216	180.98	7.92	144	122	780	450	
6	150	610	613	380	317.5	56	12-32	241	211.12	7.92	172	146	800	500	
8	200	737	740	470	393.7	64	12-38	308	269.88	7.92	223	194	940	600	
10	250	838	841	545	470.0	70	16-38	362	323.85	7.92	278	243	1130	600	
12	300	965	968	610	533.5	79	20-38	419	381	7.92	329	298	1340	700	



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LBW	LRJ	D	D1	b	Z-Φd	K	P	E	A	B	H	W	
900Lb															
2	50	368	371	215	165.1	38	8-25	124	95.25	7.92	60	49	540	320	
2 1/2	65	419	422	245	190.5	41	8-29	137	107.95	7.92	75	59	669	400	
3	80	381	384	240	190.5	38	8-25	156	123.83	7.92	91	74	689	450	
4	100	457	460	290	235.0	45	8-32	181	149.23	7.92	117	97	755	500	
5	125	559	562	350	279.4	51	8-35	216	180.98	7.92	144	122	795	500	
6	150	610	613	380	317.5	56	12-32	241	211.12	7.92	172	146	950	600	
8	200	737	740	470	393.7	64	12-38	308	269.88	7.92	223	194	1150	700	
10	250	838	841	545	469.9	70	16-38	362	323.85	7.92	278	243	1350	800	

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LBW	LRJ	D	D1	b	Z-Φd	K	P	E	A	B	H	W	
1500Lb															
2	50	368	371	215	165.1	38	8-25	124	95.25	7.92	60	42	480	320	
2 1/2	65	419	422	245	190.5	41	8-29	137	107.95	7.92	75	54	670	360	
3	80	470	473	265	203.2	48	8-32	168	136.53	7.92	91	67	820	510	
4	100	546	549	310	241.3	54	8-35	194	161.93	7.92	117	87	910	560	
5	125	673	676	375	292.1	73	8-42	229	193.68	7.92	144	110	985	610	
6	150	705	711	395	317.5	83	12-38	248	211.14	9.53	172	132	1105	800	
8	200	832	842	485	393.7	92	12-45	318	269.88	11.13	223	178	1285	900	

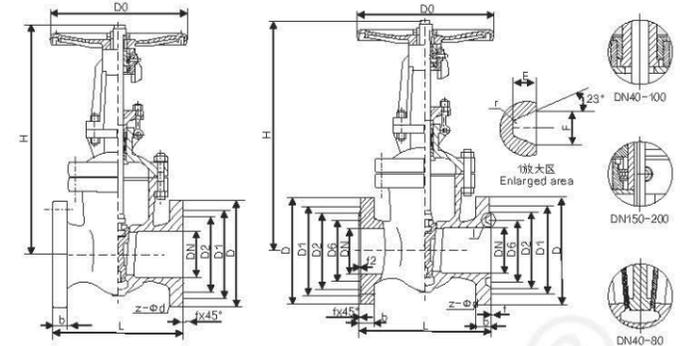
◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LBW	LRJ	D	D1	b	Z-Φd	K	P	E	A	B	H	W	
2500Lb															
2	50	451	454	235	171.5	51	8-29	133	101.6	7.92	60	38	480	320	
2 1/2	65	508	514	265	196.9	57	8-32	149	111.13	9.53	75	45	840	510	
3	80	578	584	305	228.6	67	8-35	168	127.0	9.53	91	58	940	560	
4	100	673	683	355	273.0	76	8-41	203	157.18	11.13	117	80	1045	610	
5	125	794	806	420	323.8	92	8-48	241	190.5	12.7	144	103	1275	700	
6	150	914	927	485	368.3	108	8-54	279	228.6	12.7	172	124	1400	800	
8	200	1022	1038	550	438.2	127	12-54	340	279.4	14.27	223	173	1615	1000	

◎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。
 4. 驱动方式分手动、电动、气动、齿轮传动；结构型式为弹性楔式单阀、刚性楔式单闸板和双闸板型式。
 5. 广泛适用于石油、化工、火力发电厂等油品、水、蒸汽管路上作接通或截断管路中介质的启闭装置。
- 1, Compact structure, reasonable design, good rigidity, smooth channel, small flow resistance coefficient.
2, Sealing surface made of stainless steel and hard alloy, this design can ensure long service life.
3, By using flexible graphite packing, we can make sealing performance more reliable and make it easy to operate.
4, The driving mode is divided into manual, electric, pneumatic and gear drive, and the structure type is elastic wedge single valve, rigid wedge single gate and double gate.
5, They are widely used in petroleum, chemical, thermal power plants to serve oil, water, steam in the pipes as open and close device by connecting or cutting off the medium in the pipelines.



◎执行标准 Performance standard

设计与制造 Design and manufacturing	结构长度 Face to face dimension	连接形式 Type of connection	压力-温度 Pressure temperature	检验与试验 Inspection and test	产品标识 Product identification
GB/T12234	GB/T12221	GB/T9113、JB/T79、HG20592	GB/T9131	JB/T9092、GB/T13927	GB/T12220

◎主要性能规范 Main performance specification

1. 试验压力 Test pressure

公称压力PN 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 seal
1.6	2.4	1.8	0.6	1.8
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
16.0	24.0	18.0		18.0

2. 阀体材料及适用范围 Body material and Application

产品型号 Product model	阀体材质 Body material	适用介质 Applicable medium	工作温度(°C) Working temperature
Z4 ⁰ H-16、25、40、64、100、160	碳素钢 Carbon steel	水、蒸汽、油品 Water, steam, oil	≤425°C
Z4 ⁰ W-16P、25P、40P、64P、100P、160P	铬镍钛钢 Chromium nickel steel	硝酸类 Nitric acid	≤200°C
Z4 ⁰ W-16R、25R、40R、64R、100R、160R	铬镍钼钛钢 Cr.ni.mo.ti steel	硝酸类 Nitric acid	≤200°C
Z4 ⁰ Y-16I、25I、40I、64I、100I、160I	铬钼钢 Cr/Mo steel	水、蒸汽、油品 Water, steam, oil	≤550°C

◎主要零部件材质 Materials of main parts

阀体、阀盖 Body, Bonnet	阀板、阀座 Plate, Seat	阀杆 Stem	阀杆螺母 Stem nut	填料 Packing	手轮 Handwheel
碳素钢 Carbon steel	优质碳钢+硬质合金或不锈钢 High quality carbon steel + hard alloy or stainless steel	铬不锈钢 Chromium stainless steel	ZQAL9-4 铝青铜 Aluminium bronze	柔性石墨 Flexible graphite	可锻铸铁 Malleable iron
铬镍钛钢 Chromium nickel steel	不锈钢 不锈钢+硬质合金 Stainless steel, stainless steel, hard alloy	铬镍钛不锈钢 Chromium nickel titanium stainless steel	ZQAL9-4 铝青铜 Aluminium bronze	浸聚四氟乙 Impregnated PTFE	可锻铸铁 Malleable iron
铬镍钼钛钢 Cr.ni.mo.ti steel	不锈钢 不锈钢+硬质合金 Stainless steel, stainless steel, hard alloy	铬镍钛不锈钢 Chromium nickel titanium stainless steel	ZQAL9-4 铝青铜 Aluminium bronze	烯石棉盘根 Vinyl asbestos packing	可锻铸铁 Malleable iron
铬钼钢 Cr/Mo steel	合金钢+硬质合金 Alloy steel and hard alloy	铬钼钨钢 Chromium molybdenum steel	ZQAL9-4 铝青铜 Aluminium bronze	柔性石墨 Flexible graphite	可锻铸铁 Malleable iron

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

公称通径DN(mm) Nominal diameter	L	D	D1	D2	b	f	z-Φd	H	D0
PN1.0MPa									
40	165	145	110	85	18	3	4-18	255	180
50	180	160	125	100	20	3	4-18	286	200
65	195	180	145	120	20	3	4-18	331	200
80	210	195	160	135	22	3	4-18	375	220
100	230	215	180	155	22	3	8-18	430	250
125	255	245	210	185	24	3	8-18	523	280
150	280	280	240	210	24	3	8-23	592	300
200	330	335	295	265	26	3	8-23	760	350
250	380	390	350	320	28	3	12-23	890	400
300	420	440	400	368	28	4	12-23	1030	400
350	450	500	460	428	30	4	16-23	1173	450
400	480	565	515	482	32	4	16-25	1345	500
450	510	615	565	532	32	4	20-25	1500	550
500	540	670	620	585	34	4	20-25	1780	600
600	600	780	725	685	36	5	20-30	2010	800
700	660	895	840	800	38	5	24-30	2550	900
PN1.6MPa									
15	130	95	65	45	14	2	4-14	220	120
20	150	105	75	55	14	2	4-14	255	140
25	160	115	85	65	14	2	4-14	275	160
32	180	135	100	78	16	2	4-18	280	180
40	200	145	110	85	16	3	4-18	300	200
50	250	160	125	100	16	3	4-18	358	240
65	265	180	145	120	18	3	4-18	375	240
80	280	195	160	135	20	3	8-18	433	280
100	300	215	180	155	20	3	8-18	502	320
125	325	245	210	185	22	3	8-18	612	360
150	350	280	240	210	24	3	8-23	676	360
200	400	335	295	265	26	3	12-23	820	400
250	450	405	355	320	30	3	12-25	969	450
300	500	460	410	375	30	3	12-25	1142	560
350	550	520	470	435	34	4	16-25	1280	640
400	600	580	525	485	36	4	16-30	1452	640
450	650	640	585	545	40	4	20-30	1541	720
500	700	705	650	608	42	4	20-34	1676	720
600	800	840	770	718	46	5	20-41	1874	800
700	900	910	840	788	48	5	24-41	2139	880

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

公称通径DN(mm) Nominal diameter	L	D	D1	D2	b	f	z-Φd	H	H1	D0
PN2.5MPa										
15	130	95	65	45	16	2	4-14	220	240	120
20	150	105	75	55	16	2	4-14	255	284	140
25	160	115	85	65	16	2	4-14	275	303	160
32	180	135	100	78	18	2	4-18	280	321	180
40	200	145	110	85	18	3	4-18	300	352	200
50	250	160	125	100	20	3	4-18	358	438	240
65	265	180	145	120	22	3	8-18	375	450	240
80	280	195	160	135	22	3	8-18	433	528	280
100	300	230	190	160	24	3	8-23	502	620	320
125	325	270	220	188	28	3	8-25	612	753	360
150	350	300	250	218	30	3	8-25	676	847	360
200	400	360	310	278	34	3	12-25	820	1039	400
250	450	425	370	332	36	3	12-30	969	1245	450
300	500	485	430	390	40	4	16-30	1142	1472	560
350	550	550	490	448	44	4	16-34	1280	1450	640
400	600	610	550	505	48	4	16-34	1452	1887	640
450	650	660	600	555	50	4	20-34	1541	2011	720
500	700	730	660	610	52	4	20-41	1676	2181	720
600	800	840	770	718	56	5	20-41	1874	2346	800
700	900	955	875	815	60	5	24-42	2083	2517	880
800	1000	1070	990	930	64	5	24-48	2400	2890	950
900	1100	1180	1090	1025	66	5	28-54	2950	3316	1000
1000	1200	1305	1210	1140	68	5	28-58	3245	3600	1000

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

公称通径DN(mm) Nominal diameter	L	D	D1	D2	D6	b	f	f2	z-Φd	H	H1	D0
PN4.0MPa												
15	130	95	65	45	40	16	2	4	4-14	256	285	120
20	150	105	75	55	51	16	2	4	4-14	275	305	140
25	160	115	85	65	58	16	2	4	4-14	287	322	160
32	180	135	100	78	66	18	2	4	4-18	323	369	180
40	200	145	110	85	76	18	3	4	4-18	372	440	200
50	250	160	125	100	88	20	3	4	4-18	395	473	280
65	280	180	145	120	110	22	3	4	8-18	457	552	280
80	310	195	160	135	121	22	3	4	8-18	552	671	320
100	350	230	190	160	150	24	3	4.5	8-23	634	726	360
125	400	270	220	188	176	28	3	4.5	8-25	708	883	400
150	450	300	250	218	204	30	3	4.5	8-25	858	1086	400
200	550	375	320	282	260	38	3	4.5	12-30	1015	1298	450
250	650	445	385	345	313	42	3	4.5	12-34	1203	1535	560
300	750	510	450	408	364	46	4	4.5	16-34	1341	1678	640
350	850	570	510	465	422	52	4	5	16-34	1492	1903	640
400	950	655	585	535	474	58	4	5	16-41	-	-	720
500	1150	755	670	612	576	62	4	5	20-48	-	-	-
600	1350	890	795	730	678	62	5	6	20-54	-	-	-
700	1450	955	900	835	768	68	5	6	24-54	-	-	-
800	1650	1135	1030	960	876	76	5	6	24-58	-	-	-

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

公称通径DN(mm) Nominal diameter	L	D	D1	D2	D6	b	f	f2	z-Φd	H	H1	D0
PN6.4MPa												
15	170	105	75	55	-	18	2	-	4-14	-	-	-
20	190	125	90	68	51	20	2	4	4-18	258	288	180
25	210	135	100	78	58	22	2	4	4-18	310	341	200
32	230	150	110	82	66	24	2	4	4-23	320	353	200
40	240	165	125	95	76	24	2	4	4-23	360	389	240
50	250	175	135	105	88	26	3	4	4-23	372	448	280
65	280	200	160	130	110	28	3	4	8-23	395	475	280
80	310	210	170	140	121	30	3	4	8-23	458	553	320
100	350	250	200	168	150	32	3	4.5	8-25	553	679	360
125	400	295	240	202	176	36	3	4.5	8-30	638	779	400
150	450	340	280	240	204	38	3	4.5	8-34	718	893	450
200	550	405	345	300	260	44	3	4.5	12-34	873	1100	560
250	650	470	400	352	313	48	3	4.5	12-41	1053	1332	640
300	750	530	460	412	364	54	4	4.5	16-41	1203	1535	640
350	850	595	525	475	-	60	4	-	16-41	-	-	-
400	950	670	585	525	-	66	4	-	16-48	-	-	-
450	1050	715	630	570	-	70	4	-	20-48	-	-	-
500	1150	800	705	640	-	70	4	-	20-54	-	-	-
600	1350	930	820	750	-	76	5	-	20-58	-	-	-
PN10.0MPa												
15	170	105	75	55	58	20	2	-	4-14	-	-	-
20	190	135	90	68	66	22	2	-	4-18	-	-	-
25	210	135	100	78	76	24	2	4	4-18	310	341	200
32	230	150	110	82	88	24	2	4	4-23	320	353	240
40	240	165	125	95	110	26	3	4	4-23	360	389	280
50	250	195	145	112	121	28	3	4	4-25	490	558	360
65	280	220	170	138	150	32	3	4	8-25	540	622	400
80	310	230	180	148	176	34	3	4	8-25	573	671	400
100	350	265	210	172	204	38	3	4.5	8-30	575	671	400
125	400	310	250	210	260	42	3	4.5	8-34	744	892	560
150	450	350	290	250	313	46	3	4.5	12-34	800	972	560
200	550	430	360	312	364	54	3	4.5	12-41	800	972	560
250	650	500	430	382	-	60	3	4.5	12-41	1050	1305	640
300	750	585	500	442	-	70	4	4.5	16-48	1208	1506	640
350	850	655	560	498	-	76	4	-	16-54	-	-	-
400	950	715	620	558	-	80	4	-	16-54	-	-	-
450	1050	770	675	615	-	84	4	-	16-58	-	-	-
500	1150	870	760	690	-	90	5	-	20-58	-	-	-
PN16.0MPa												
15	170	110	75	52	35	24	2	4	4-18	230	250	200
20	190	130	90	62	45	26	2	4	4-23	260	288	200
25	210	140	100	72	50	28	2	4	4-23	280	310	280
32	230	165	115	85	65	30	2	4	4-25	312	350	320
40	260	175	125	92	75	32	3	4	4-27	350	395	320
50	300	215	165	132	95	36	3	4	8-25	512	612	360
65	340	245	190	152	110	44	3	4	8-30	560	677	360
80	390	260	205	168	130	46	3	4	8-30	585	686	400
100	450	300	240	200	160	48	3	4.5	8-34	631	751	450
125	525	355	285	238	190	60	3	4.5	8-41	723	868	560
150	600	390	318	270	205	66	3	4.5	12-41	820	997	640
200	750	480	400	345	275	78	3	4.5	12-48	990	1224	720
250	850	580	485	425	-	88	-	-	12-54	1104	1503	800
300	950	665	570	510	-	100	-	-	16-54	1314	1934	800
350	-	640	559	424	-	86	-	-	20-42	1600	2315	950
400	-	705	616	487	-	89	-	-	20-45	1823	2660	950

◎产品概述 Product overview

我公司生产的美标截止阀，完全按照API标准设计制造，结构美观、先进。阀门的启闭件是阀瓣，流向为低进高出，截止阀全开和全关阀杆来操作阀门，锥形的阀瓣可以很好的起到节流作用，不能起调节作用。主要用于石油、化工、制药、化肥、电力行业等各种工况的管路上，切断或接通管路介质。驱动方式有手动、齿轮传动、电动、气动等。

The American standard globe valve produced by our company is completely designed and manufactured in accordance with API standards, with beautiful and advanced structure. The opening and closing part of the valve is the valve disc, and the flow direction is low in and out and high out. The globe valve is fully opened and fully closed by the valve stem to operate the valve. The conical valve disc can well enter the throttling effect and cannot play a regulating role. It is mainly used in pipelines of various working conditions such as petroleum, chemical, pharmaceutical, fertilizer, and electric power industries to cut off or connect the pipeline medium. The driving methods are manual, gear transmission, electric, pneumatic and so on.

◎执行标准 Performance standard

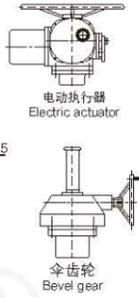
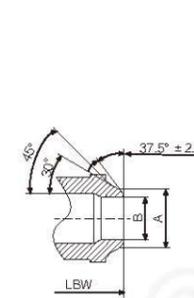
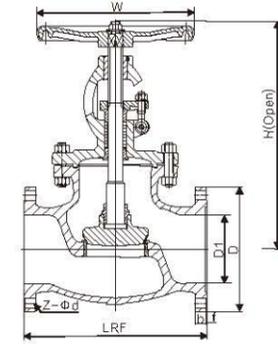
设计与制造 Design and manufacturing	结构长度 Face to face dimension	法兰尺寸 Flange size	对焊连接尺寸 Welding connection size	压力~温度 Pressure temperature	试验与检验 Test and inspection
ANSI B16.34、BS1873	ANSI B16.10	ANSI B16.5	ANSI B16.25	ANSI16.34	API598

◎主要性能规范 Main performance specification

公称压力(Lb) Nominal pressure (Lb)	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		

◎主要零部件材质 Materials of main parts

阀、盖、瓣 Valve, bonnet, disc	阀杆 Stem	密封面 Sealing surface	垫片(环) Gasket (ring)	填料 Packing	工作温度(°C) Working temperature	适用介质 Applicable medium	
WCB	2Cr13	13Cr STL 本体材料 Bulk material PTFE 尼龙 Nylon	增强柔性石墨 13Cr/柔性石墨 Enhanced flexible graphite 13Cr/ flexible graphite SFB-2 08软钢 Mild steel F304 F316 F304L F316L	柔性石墨 增强柔性石墨 Flexible graphite Enhanced flexible graphite SFB1260 SFP1260 PTFE	≤425°C	水、蒸汽、油品 Water, steam, oil	
WC1	38CrMoA1 25Cr2M0v				≤450°C		
WC6					≤540°C		
WC9					≤570°C		
C5 C12					≤540°C		
CF8					F304		≤600°C
CF3					F316		
CF8M	F304L						
CF3M	F316L						



◎主要外形尺寸和连接尺寸 Main shape size and connection size

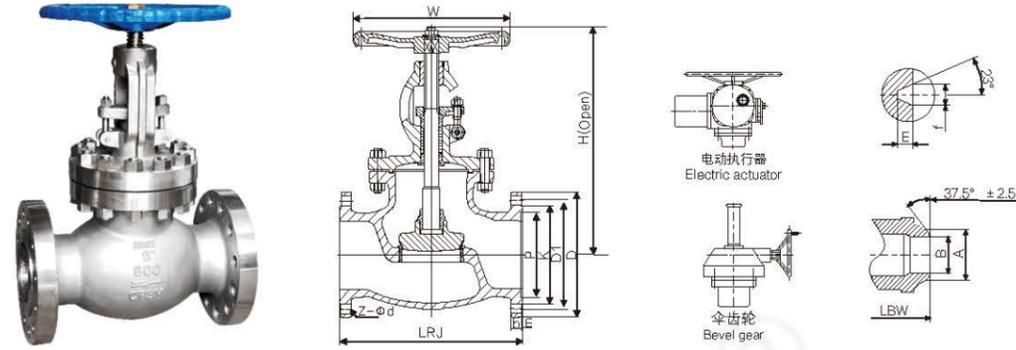
单位(Unit): mm

in	DN	LRF	LBW	D	D1	b	Z-φd	A	B	H	W
150Lb											
2	50	203	203	150	120.5	14	4-19	60	52	368	200
2 1/2	65	216	216	180	139.5	16	4-19	75	63	687	200
3	80	241	241	190	152.5	17.5	4-19	91	78	410	250
4	100	292	292	230	190.5	22	8-19	117	102	454	250
5	125	356	356	255	216	22	8-22	144	128	455	355
6	150	400	400	280	241.5	24	8-22	172	154	540	355
8	200	495	495	345	298.5	27	8-22	223	203	650	450
10	250	622	622	405	362	28.6	12-25	278	255	800	450
12	300	698	698	485	432	30	12-25	329	305	1230	500
14	350	787	787	535	476	33.4	12-29	362	337	1450	600
16	400	914	914	595	540	35	16-29	413	387	1645	600

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LRF	LBW	D	D1	b	Z-φd	A	B	H	W
300Lb											
2	50	267	267	165	127.0	21	8-19	60	52	399	200
2 1/2	65	292	292	190	149.4	24	8-22	75	63	438	250
3	80	318	318	210	168.1	27	8-22	91	78	464	280
4	100	356	356	255	200.2	30	8-22	117	102	565	350
5	125	400	400	280	235.0	33	8-22	144	128	614	400
6	150	444	444	320	269.7	35	12-22	172	154	717	450
8	200	559	559	380	330.2	40	12-25	223	203	930	450
10	250	622	622	445	387.4	46	16-29	278	255	1012	500
12	300	711	711	520	450.9	49	16-32	329	305	1231	500



◎主要外形尺寸和连接尺寸 Main shape size and connection size

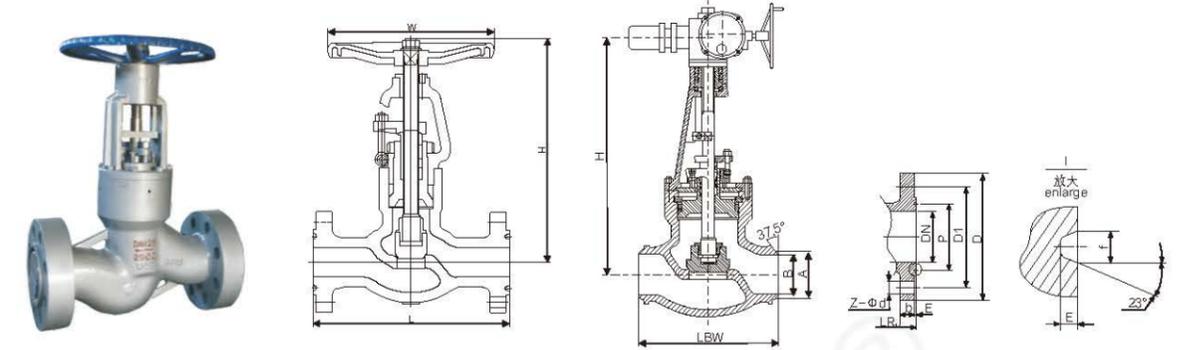
单位(Unit): mm

in	DN	LBW	LRJ	D	D1	b	Z-φd	K	P	E	F	A	B	H	W
600Lb															
2	50	292	295	165	127	26	8-19	108	82.55	7.92	11.91	60	49	430	250
2 1/2	65	330	333	190	149.5	29	8-22	127	101.6	7.92	11.91	75	59	480	300
3	80	356	359	210	168	32	8-22	146	123.83	7.92	11.91	91	74	530	350
4	100	432	435	275	216	39	8-25	175	149.23	7.92	11.91	117	97	650	400
5	125	508	511	330	266.5	45	8-29	210	180.98	7.92	11.91	144	122	750	450
6	150	559	562	355	292	48	12-29	241	211.12	7.92	11.91	172	146	850	560
8	200	660	663	420	349	56	12-32	302	269.88	7.92	11.91	223	194	1050	640
10	250	787	790	510	432	64	16-35	356	323.85	7.92	11.91	278	243	1145	700

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LBW	LRJ	D	D1	b	Z-φd	K	P	E	F	A	B	H	W
900Lb															
2	50	368	371	215	165.1	38	8-25	124	95.25	7.92	11.91	60	49	540	320
2 1/2	65	419	422	245	190.5	41	8-29	137	107.95	7.92	11.91	75	59	669	400
3	80	381	384	340	190.5	38	8-25	156	123.83	7.92	11.91	91	74	689	450
4	100	457	460	290	235.0	45	8-32	181	149.23	7.92	11.91	117	97	755	500
5	125	559	562	350	279.4	51	8-35	216	180.98	7.92	11.91	144	122	795	500
6	150	610	613	380	317.5	56	12-32	241	211.12	7.92	11.91	172	146	950	600
8	200	737	740	470	393.7	64	12-38	308	269.88	7.92	11.91	223	194	1150	700
10	250	838	841	545	469.9	70	16-38	362	323.85	7.92	11.91	278	243	1350	800



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LBW	LRJ	D	D1	b	Z-φd	K	P	E	A	B	H	W	
900Lb															
2	50	368	371	215	165.1	38	8-25	124	95.25	7.92	60	49	540	320	
2 1/2	65	419	422	245	190.5	41	8-29	137	107.95	7.92	75	59	669	400	
3	80	381	384	340	190.5	38	8-25	156	123.83	7.92	91	74	689	450	
4	100	457	460	290	235.0	45	8-32	181	149.23	7.92	117	97	755	500	
5	125	559	562	350	279.4	51	8-35	216	180.98	7.92	144	122	795	500	
6	150	610	613	380	317.5	56	12-32	241	211.12	7.92	172	146	950	600	
8	200	737	740	470	393.7	64	12-38	308	269.88	7.92	223	194	1150	700	
10	250	838	841	545	469.9	70	16-38	362	323.85	7.92	278	243	1350	800	

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LBW	LRJ	D	D1	b	Z-φd	K	P	E	A	B	H	W	
1500Lb															
2	50	368	371	215	165.1	38	8-25	124	95.25	7.92	60	42	480	320	
2 1/2	65	419	422	245	190.5	41	8-29	137	107.95	7.92	75	54	670	360	
3	80	470	473	265	203.2	48	8-32	168	136.53	7.92	91	67	820	510	
4	100	546	549	310	241.3	54	8-35	194	161.93	7.92	117	87	910	560	
5	125	673	676	375	292.1	73	8-42	229	193.68	7.92	144	110	985	610	
6	150	705	711	395	317.5	83	12-38	248	211.14	9.53	172	132	1105	800	
8	200	832	842	485	393.7	92	12-45	318	269.88	11.13	223	178	1285	900	

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LBW	LRJ	D	D1	b	Z-φd	K	P	E	A	B	H	W	
2500Lb															
2	50	451	454	235	171.5	51	8-29	133	101.6	7.92	60	38	480	320	
2 1/2	65	508	514	265	196.9	57	8-32	149	111.13	9.53	75	45	840	510	
3	80	578	584	305	228.6	67	8-35	168	127.0	9.53	91	58	940	560	
4	100	673	683	355	273.0	76	8-41	203	157.18	11.13	117	80	1045	610	
5	125	794	806	420	323.8	92	8-48	241	190.5	12.7	144	103	1275	700	
6	150	914	927	485	368.3	108	8-54	279	228.6	12.7	172	124	1400	800	
8	200	1022	1038	550	438.2	127	12-54	340	279.4	14.27	223	173	1615	1000	

◎产品特点 Product features

1. 结构先进、密封可靠、性能优良、造型美观。特别是启闭采用了活络连接结构，极大提高了阀杆的刚度，显著降低了噪音和振动，提高了阀门的使用寿命和各项性能。
 2. 可以安装管道的任何位置上，介质可在任意方向通过。
 3. DN250以上采用先进的多密封，双阀瓣，采用导向运动(能极大提高抗水锤冲击)、介质从上方进入，较好解决了大口径截止阀启闭力矩大，密封无法关严，填料室跑、冒、漏等问题，有力提高了阀门各项性能与使用范围。(“关”的力矩是普通阀门的10%“开”的力矩是普通阀门的3%)。
 4. 不锈钢截止阀适用于各类腐蚀性介质的管道上，有良好的防腐和足够的强度。
 5. 合金钢截止阀适用于耐高温的蒸汽、油品管道上，具有耐高温特点。
1. Advanced structure, reliable sealing, excellent performance, beautiful appearance. Especially opening and closing the movable connection structure, greatly improves the degree of steel stem, significantly reduce the noise and vibration, the service life of the valve and the performance is improved.
2. Can be installed in any position of the pipeline, the media can be in any direction by.
3. DN250 more than the use of advanced multi seal, double valve flap, the use of guide motion (can greatly improve the impact of water hammer), medium from the top, a better solution to the large diameter valve opening and closing torque, sealing can not be closed, packing room run, run, leakage and other issues, effectively improve the performance and use of the valve. ("off" is the 10% "open" of the ordinary valve is the valve of the 3%).
4. Stainless steel globe valve is suitable for all kinds of corrosive media in the pipeline, there is a good anti-corrosion and enough strength.
5. Alloy steel valve is suitable for high temperature resistance of steam, oil pipeline, with high temperature characteristics.

◎执行标准 Performance standard

设计与制造 Design and manufacturing	结构长度 Face to face dimension	连接形式 Type of connection	压力—温度 Pressure temperature	检验与试验 Inspection and test	产品标识 Product identification
GB/T12235	GB/T12221	GB/T9113、JB/T79、HG20592	GB/T12224	JB/T9092	GB/T12220

◎主要性能规范 Main performance specification

1. 试验压力 Test pressure

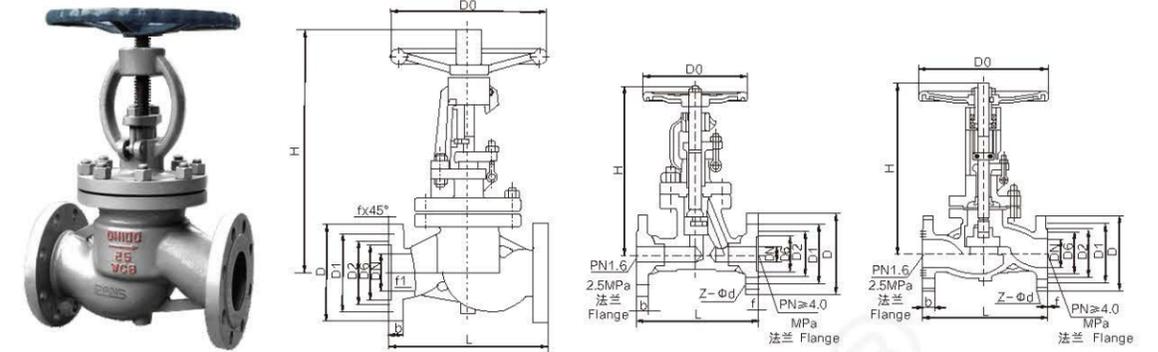
公称压力PN(MPa) Nominal pressure		1.6	2.5	4.0	6.4	10.0	16.0
试验压力 Test Pressure (MPa)	强度试验 Strength test	2.4	3.8	6.0	9.6	15	24
	上密封试验 Back seal test	1.8	2.8	4.4	7.0	11	18
	密封试验 Seal test	1.8	2.8	4.4	7.0	11	18

2. 阀体材料及适用范围 Body material and Application

产品类型 Product type	适用介质 Applicable medium	适用温度(°C) Applicable temperature
J41HY-C型 Type J941HY-C型 Type	水、蒸汽、油品 Water, steam, oil	≤425°C
J41W-P型 Type J941W-P型 Type	硝酸类 Nitric acid	≤200°C
J41W-R型 Type	醋酸类 Acetic acid	≤200°C
J41Y-I型 Type J941Y-I型 Type	水、蒸汽、油品 Water, steam, oil	≤550°C

◎主要零部件材质 Materials of main parts

产品类型 Product type	零件名称 Parts name							
	阀体、阀盖 Body, Bonnet	阀杆 Stem	阀瓣 Disc	密封面 Sealing surface	阀杆螺母 Stem nut	填料 Packing	紧固件 Fastening	手轮 Handwheel
J41HY-C型 Type J941HY-C型 Type	25、WCB	铬不锈钢 Chromium stainless steel	2Cr13 25	H: 不锈钢 Stainless steel Y: 钴基硬质合金 Cobalt based hard alloy steel	铝青铜 Aluminium bronze	柔性石墨 Flexible graphite	优质碳钢 High quality carbon steel	可锻铸铁 Malleable iron
J41W-P型 Type J941W-P型 Type	铬镍钛钢 Chromium nickel steel	铬镍钛钢 Chromium nickel steel	铬镍钛钢 Chromium nickel steel	铬镍钛钢 Chromium nickel steel			不锈钢 Stainless steel	
J41W-R型 Type	铬镍钼钛钢 Cr.Ni.Mo.Ti steel	铬镍钼钛钢 Cr.Ni.Mo.Ti steel	铬镍钼钛钢 Cr.Ni.Mo.Ti steel	铬镍钼钛钢 Cr.Ni.Mo.Ti steel			不锈钢 Stainless steel	
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 Cobalt based hard alloy steel			合金钢 Alloy steel	



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

公称通径DN(mm) Nominal diameter	L	D	D1	D2	b	f	Z-φd	H	D0
PN1.6MPa									
10	130	90	60	40	14	2	4-14	198	120
15	130	95	65	45	14	2	4-14	218	120
20	150	105	75	55	14	2	4-14	258	140
25	160	115	85	65	14	2	4-14	275	140
32	180	135	100	78	16	2	4-18	280	160
40	200	145	110	85	16	3	4-18	330	180
50	230	160	125	100	16	3	4-18	350	200
65	290	180	145	120	18	3	4-18	400	280
80	310	195	160	135	20	3	8-18	355	280
100	350	215	180	155	20	3	8-18	415	320
125	400	245	210	185	22	3	8-18	460	360
150	480	280	240	210	24	3	8-23	510	450
200	600	335	295	265	26	3	12-23	710	500
250	650	405	355	320	30	3	12-23	786	550
300	750	460	410	375	30	3	12-23	925	600
350	850	520	470	435	34	4	16-25	980	700
400	950	580	525	485	36	4	16-30	1030	800
450	1200	640	585	545	40	4	20-30	1080	1000
500	1250	705	650	608	44	4	20-34	1140	1300

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

公称通径 Nominal diameter DN(mm)	L	D	D1	D2	b	f	Z-Φd	H手 Hand	H电 Electric	D0
PN2.5MPa										
10	130	90	60	40	16	2	4-14	198	-	120
15	130	95	65	45	16	2	4-14	218	-	120
20	150	105	75	55	16	2	4-14	258	-	140
25	160	115	85	65	16	2	4-14	275	-	140
32	180	135	100	78	18	2	4-18	280	-	160
40	200	145	110	85	18	3	4-18	330	-	180
50	230	160	125	100	20	3	4-18	350	645	200
65	290	180	145	120	20	3	8-18	400	690	280
80	310	195	160	135	22	3	8-18	355	715	280
100	350	230	190	160	24	3	8-23	415	770	320
125	400	270	220	188	28	3	8-25	460	780	360
150	480	300	250	218	30	3	8-25	510	875	450
200	600	360	310	278	34	3	12-25	710	967	500
250	650	425	370	332	36	3	12-30	786	-	550
300	750	485	430	390	40	4	16-30	925	-	600
350	850	550	490	448	44	-	16-34	1075	-	700
400	950	610	550	505	48	-	16-34	1235	-	800
450	1200	660	600	555	50	-	16-34	1235	-	1000
500	1250	730	660	610	50	-	16-41	1235	-	1350

◎主要外形尺寸和连接尺寸 Main shape size and connection size

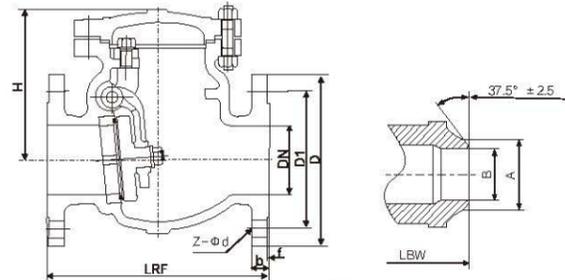
单位(Unit): mm

公称通径 Nominal diameter DN(mm)	L	D	D1	D2	D6	b	f	f2	Z-Φd	H手 Hand	H电 Electric	D0
PN4.0MPa												
10	130	90	60	41	35	16	2	4	4-14	198	-	120
15	130	95	65	45	40	16	2	4	4-14	233	-	120
20	150	105	75	55	51	16	2	4	4-14	275	-	140
25	160	115	85	65	58	16	2	4	4-14	285	-	160
32	180	135	100	78	66	18	2	4	4-18	302	-	180
40	200	145	110	85	76	18	3	4	4-18	355	-	200
50	230	160	125	100	88	20	3	4	4-18	373	645	240
65	290	180	145	120	110	22	3	4	8-18	408	690	280
80	310	195	160	135	121	22	3	4	8-18	436	715	320
100	350	230	190	160	150	24	3	4.5	8-23	480	770	360
125	400	270	220	188	176	28	3	4.5	8-25	588	782	400
150	480	300	250	218	204	30	3	4.5	8-25	611	875	400
200	600	375	320	282	260	38	3	4.5	12-30	720	1160	400
250	650	445	385	345	313	42	-	-	12-34	-	-	-
300	750	540	450	405	364	46	-	-	16-34	-	-	-
350	850	570	510	462	422	52	-	-	16-34	-	-	-
400	950	655	585	535	474	58	-	-	16-41	-	-	-

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

公称通径 Nominal diameter DN(mm)	L	D	D1	D2	D6	b	f	f2	Z-Φd	H手 Hand	H电 Electric	D0	电动装置 Electric device
PN6.4MPa													
10	170	100	70	50	35	18	2	4	4-14	198	-	120	-
15	170	105	75	55	41	18	2	4	4-14	195	-	140	-
20	190	125	90	68	51	20	2	4	4-18	228	-	160	-
25	210	135	100	78	58	22	2	4	4-18	275	-	180	-
32	230	150	110	82	66	24	2	4	4-23	325	-	200	-
40	260	165	125	95	76	24	3	4	4-23	360	-	240	-
50	300	175	135	105	88	26	3	4	8-23	410	710	280	DZW10
65	340	200	160	130	110	28	3	4	8-23	450	750	320	DZW15
80	380	210	170	140	121	30	3	4	8-23	485	785	360	DZW30
100	430	250	200	168	150	32	3	4	8-25	537	837	400	DZW45
125	500	295	240	202	176	36	3	4	8-30	631	-	400	-
150	550	340	280	240	204	38	3	4	8-34	646	-	450	-
200	650	405	345	300	260	44	3	4	12-34	813	-	500	-
PN10.0MPa													
10	170	100	70	50	35	20	2	4	4-14	198	-	120	-
15	170	105	75	55	41	20	2	4	4-14	202	-	140	-
20	190	125	90	68	51	22	2	4	4-18	228	-	160	-
25	210	135	100	78	58	24	2	4	4-18	250	-	180	-
32	230	150	110	82	66	24	2	4	4-23	326	-	220	-
40	260	165	125	95	76	26	3	4	4-23	359	-	240	-
50	300	195	145	112	88	28	3	4	4-25	414	710	280	DZW15
65	340	220	170	138	110	32	3	4	8-25	434	750	320	DZW20I
80	380	230	180	148	121	34	3	4	8-25	547	785	400	DZW30
100	430	265	210	172	150	38	3	4.5	8-30	621	837	450	DZW45
125	500	310	250	210	176	42	3	4.5	8-34	732	-	450	-
150	550	350	290	250	204	46	3	4.5	12-34	840	-	500	-
200	650	430	360	312	260	54	3	4.5	12-41	925	-	550	-
PN16.0MPa													
15	170	110	75	52	40	24	2	4	4-18	148	-	140	-
20	190	130	90	65	51	26	2	4	4-23	156	-	160	-
25	210	140	100	72	58	28	2	4	4-23	125	-	180	-
32	230	165	115	85	66	30	2	4	4-25	200	-	200	-
40	260	175	125	92	76	32	3	4	4-27	231	-	240	-
50	300	215	165	132	88	36	3	4	8-25	262	-	250	-
65	340	345	190	152	110	44	3	4	8-30	303	-	320	-
80	380	260	205	168	121	46	3	4	8-30	341	-	400	-
100	430	300	240	200	150	48	3	4.5	8-34	485	-	450	-



◎主要外形尺寸和连接尺寸 Main shape size and connection size

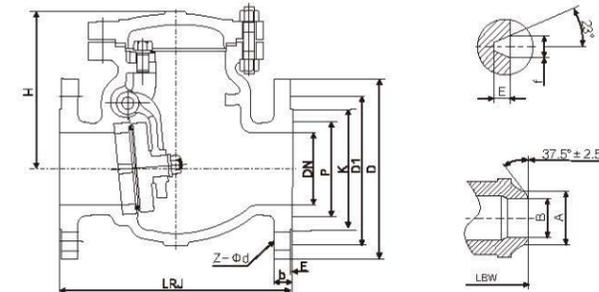
单位(Unit): mm

in	DN	LRF	LBW	D	D1	b	Z-φd	A	B	H
150Lb										
2	50	203	203	150	120.5	14	4-19	60	52	160
2 1/2	65	216	216	180	139.5	16	4-19	75	63	180
3	80	241	241	190	152.5	17.5	4-19	91	78	190
4	100	292	292	230	190.5	22	8-19	117	102	205
5	125	330	330	255	216	22	8-22	144	128	230
6	150	356	356	280	241.5	24	8-22	172	154	258
8	200	495	495	345	298.5	27	8-22	223	203	295
10	250	622	622	405	362	28.6	12-25	278	255	355
12	300	699	699	485	432	30	12-25	329	305	395
14	350	787	787	535	476	33.4	12-29	362	337	445
16	400	864	864	595	540	35	16-29	413	387	490
18	450	978	978	635	578	38	16-32	464	438	520
20	500	978	978	700	635	41	20-32	516	489	545
24	600	1295	1295	815	749.5	46	20-35	619	591	880

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LRF	LBW	D	D1	b	Z-φd	A	B	H
300Lb										
2	50	267	267	165	127.0	21	8-19	60	52	180
2 1/2	65	292	292	190	149.4	24	8-22	75	63	190
3	80	318	318	210	168.1	27	8-22	91	78	215
4	100	356	356	255	200.2	30	8-22	117	102	242
5	125	400	400	280	235.0	33	8-22	144	128	268
6	150	444	444	320	269.7	35	12-22	172	154	305
8	200	533	533	380	330.2	40	12-25	223	203	368
10	250	622	622	445	387.4	46	16-29	278	255	395
12	300	711	711	520	450.9	49	16-32	329	305	445
14	350	838	838	585	514.5	52	20-32	362	337	470
16	400	846	846	650	571.5	56	20-35	413	387	530
18	450	978	978	710	628.5	59	24-35	464	438	585
20	500	1016	1016	775	686	62	24-35	516	489	610
24	600	1346	1346	915	813	68	24-41	619	591	750



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LBW	LRJ	D	D1	b	Z-φd	K	P	E	F	A	B	H
600Lb														
2	50	292	295	165	127	26	8-19	108	82.55	7.92	11.91	60	49	205
2 1/2	65	330	333	190	149.5	29	8-22	127	101.6	7.92	11.91	75	59	230
3	80	356	359	210	168	32	8-22	146	123.83	7.92	11.91	91	74	235
4	100	432	435	275	216	39	8-25	175	149.23	7.92	11.91	117	97	286
5	125	508	511	330	266.5	45	8-29	210	180.98	7.92	11.91	144	122	295
6	150	559	562	355	292	48	12-29	241	211.12	7.92	11.91	172	146	330
8	200	660	663	420	349	56	12-32	302	269.88	7.92	11.91	223	194	381
10	250	787	791	510	432	64	16-35	356	323.85	7.92	11.91	278	243	458
12	300	838	841	560	489	67	20-35	413	381.00	7.92	11.91	329	298	581
14	350	889	892	605	527	70	20-38	457	419.10	7.92	11.91	362	330	635
16	400	991	994	685	603	76	20-41	508	469.90	7.92	11.91	413	373	585

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LBW	LRJ	D	D1	b	Z-φd	K	P	E	F	A	B	H
900Lb														
2	50	368	371	215	165.1	38	8-25	124	95.25	7.92	11.91	60	49	215
2 1/2	65	419	422	245	190.5	41	8-29	137	107.95	7.92	11.91	75	59	255
3	80	381	384	240	190.5	38	8-25	156	123.83	7.92	11.91	91	74	295
4	100	457	460	290	235.0	45	8-32	181	149.23	7.92	11.91	117	97	318
5	125	559	562	350	279.4	51	8-35	216	180.98	7.92	11.91	144	122	345
6	150	610	613	380	317.5	56	12-32	241	211.12	7.92	11.91	172	146	368
8	200	737	740	470	393.7	64	12-38	308	269.88	7.92	11.91	223	194	435
10	250	838	841	545	469.9	70	16-38	362	323.85	7.92	11.91	278	243	545
12	300	965	968	610	533.5	79	20-39	419	381	7.92	11.91	329	298	660

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	DN	LBW	LRJ	D	D1	b	Z-φd	K	P	E	F	A	B	H
1500Lb														
2	50	368	371	215	165.1	38	8-25	124	95.25	7.92	11.91	60	42	215
2 1/2	65	419	422	245	190.5	41	8-29	137	107.95	7.92	11.91	75	54	265
3	80	470	473	265	203.2	48	8-32	168	136.53	7.92	11.91	91	67	290
4	100	546	549	310	241.3	54	8-35	194	161.93	7.92	11.91	117	87	325
5	125	673	676	375	292.1	73	8-42	229	193.68	7.92	11.91	144	110	402
6	150	705	711	395	317.5	83	12-38	248	211.14	9.53	13.49	172	132	435
8	200	832	841	485	393.7	92	12-45	318	269.88	11.13	16.66	223	178	520

◎产品特点 Product features

1. 选材考究、符合国内、外相关标准，广泛使用于石油、化工、制药、化肥、电力行业等各种工部的管路上，防止介质的倒流。
 2. 密封副对先进合理，阀杆、阀座密封面采用铁基合金或司太立(Stellite)钴基硬质合金堆焊而成。耐磨、耐高温、耐腐蚀、抗擦伤性能好，使用寿命长。
 3. 可采用各种配管法兰标准密封形式，满足各种工程需要及用户要求。
 4. 阀体材料品种齐全。垫片可根据实际工况或用户要求合理选配。能适用于各种压力、温度及介质工况。
 5. 阀瓣围绕阀座外的销轴旋转，减少关闭时发生猛烈冲击。
 6. 销轴与阀瓣连接采用内装式结构，不存在外泄漏点，使用更可靠。
- 1.The selection of materials, in line with domestic and foreign related standards.
2.Sealing pair is advanced and reasonable, stem, the valve seat sealing surface using Fe based alloy or Stellite (Stellite) Gu Ji hard alloy surfacing and. Wear resistance, high temperature resistance, corrosion resistance, anti abrasion performance Good, long service life.
3.Can be used with standard pipe flanges seal form, to meet the needs of various projects and user requirements.
4.The body material variety. Gaskets can be based on actual conditions or user requirements reasonable matching. Can be applied to all kinds of pressure, temperature and medium conditions.
5.The valve flap around the valve shaft rotation, reduce the occurrence of a violent shock.
6.The pin shaft and the valve are connected by a built-in type structure, there was no leakage of leakage, the use of more reliable.

◎执行标准 Performance standard

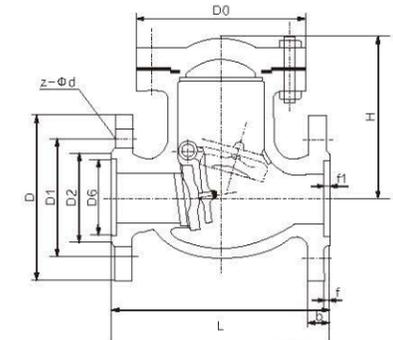
设计与制造 Design and manufacturing	结构长度 Face to face dimension	法兰连接 Flange connection	压力~温度 Pressure temperature	检验与试验 Inspection and test	产品标识 Product identification	供货规范 Supply specification
GB/T12236	GB/T12221	GB/T9113	GB/T9124	GB/T13927	GB/T12220	JB/T7928

◎主要性能规范 Main performance specification

公称压力PN(MPa) Nominal pressure	试验压力 Test pressure(MPa)		适用温度 Applicable temperature(°C)				适用介质 Applicable medium
	强度试验 Strength test	密封试验 Sealing test	WCB	Cr5Mo	1Cr18Ni12Mo2Ti	1Cr18Ni9Ti	
1.6	2.4	1.8	≤425	≤550	≤220	≤200	水、油品、蒸汽、酸性介质 Water, oil, steam, Acid medium
2.5	3.8	2.8					
4.0	6.0	4.4					
6.4	9.6	7.1					
10.0	15.0	11.0					
16.0	24.0	18					
25.0	38	28					

◎主要零部件材质 Materials of main parts

零件名称 Parts name	材料 Material							
	铸件 Casting	WCB	ZG1Cr5Mo	ZG1Cr5MoV	CF8	CF8M	CF3	CF3M
阀体 Body	铸件 Casting	WCB	ZG1Cr5Mo	ZG1Cr5MoV	ZG0Cr18Ni9Ti	ZG0Cr18Ni12Mo2Ti	ZG0Cr18Ni10	ZG0Cr18Ni12MoTi
阀盖 Cover								
阀瓣 Disc	铸件 Casting	WCB	ZG1Cr5Mo	ZG12Cr5MoV	CF8	ZG0Cr18Ni12Mo2Ti	CF3	CF3M
	锻件 Forging	A105	1Cr5Mo	12Cr5MoV	0Cr18Ni9Ti	0Cr18Ni12Mo2Ti	0Cr18Ni10	0Cr18Ni12Mo2Ti
轴销 Shaft pin	棒料 Bar	2Cr13	25Cr2MoV	25Cr2MoV	304	316	304L	316L
阀瓣/阀座密封面 Gate valve / seat / sealing surface	堆焊铁基合金、堆焊钴基合金(司太立合金) Iron-base alloy surfacing, Co based alloy (Stellite surfacing)				本体材料、堆焊钴基合金(司太立合金) Bulk materials, surfacing cobalt based alloys (Stellite surfacing)			
垫片/垫环密封环 Washer/gasket ring/sealing ring	高强复合柔性石墨/304/柔性石墨缠绕垫 High strength composite flexible graphite /304/ Flexible graphite spiralwound gasket				聚四氟乙烯/304/柔性石墨缠绕垫 PTFE /304/ Flexible graphite spiralwound gasket			



◎主要外形尺寸和连接尺寸 Main shape size and connection size

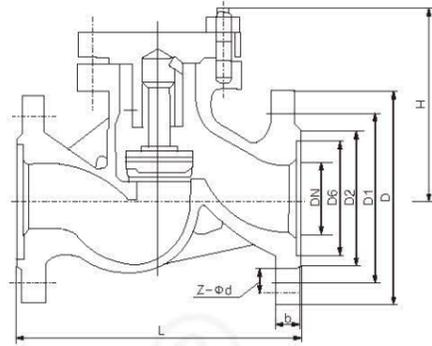
单位(Unit): mm

公称口径 Nominal diameter DN(mm)	L	D	D1	D2	b	f	z-φd	参考值 Reference value	
								D0	H
PN1.6MPa									
25	160	115	85	65	16	2	4-14	140	130
32	180	135	100	78	16	2	4-18	150	140
40	200	145	110	85	16	2	4-18	160	150
50	230	160	125	100	16	2	4-18	185	160/135
65	290	180	145	120	18	3	4-18	215	177/142
80	310	195	160	135	20	3	8-18	235	187/165
100	350	215	180	155	20	3	8-18	255	202/180
125	400	245	210	185	22	3	8-18	285	227/210
150	480	280	240	210	24	3	8-23	330	263/233
200	550	335	295	265	26	3	12-23	385	293/304
250	650	405	355	320	30	3	12-25	455	330/348
300	750	460	410	375	30	4	12-25	515	382/390
350	850	520	470	435	34	4	16-25	545	430
400	950	580	525	485	36	4	16-30	600	480/468
500	1150	705	650	608	44	4	20-34	730	560/525
600	1350	840	770	718	48	-	20-41	-	-
700	1450	910	840	788	50	-	24-41	-	-
800	1650	1020	950	898	52	-	24-41	-	-

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

公称口径 Nominal diameter DN(mm)	L	D	D1	D2	b	f	z-φd	参考值 Reference value	
								D0	H
PN2.5MPa									
25	160	115	85	65	16	2	4-14	140	130
32	180	135	100	78	16	2	4-18	150	140
40	200	145	110	85	16	2	4-18	160	150
50	230	160	125	100	20	3	4-18	185	177/160
65	290	180	145	120	22	3	8-18	215	192/175
80	310	195	160	135	22	3	8-18	235	192/185
100	350	230	190	160	24	3	8-23	260	217/220
125	400	270	220	188	28	3	8-25	296	250/248
150	480	300	250	218	30	3	8-25	330	270/276
200	550	360	310	278	34	3	12-25	380	350
250	650	425	370	332	36	3	12-30	430	410
300	750	485	430	390	40	4	16-30	490	430
350	850	550	490	448	44	4	16-34	545	450/518
400	950	610	550	505	48	4	16-34	600	560/582
500	1150	730	660	610	52	4	20-41	730	618
600	1350	840	770	718	48	-	20-41	-	-
700	1450	910	840	788	50	-	24-41	-	-
800	1650	1020	950	898	52	-	24-41	-	-



产品特点 Product features

升降式止回閥是指依靠介质本身流动而自动开、闭阀瓣，用来防止介质倒流的閥門，又称逆止閥、单向閥、逆流閥、和背压閥。止回閥属于一种自动閥門，其主要作用是防止介质倒流、防止泵及驱动电动机反转，以及容器介质的泄放。止回閥还可用于给其中的压力可能升至超过系统压的辅助系统提供补给的管路上。止回閥主要可分旋启式止回閥(依重心旋转)与升降式止回閥(沿轴线移动)。

Lift check valve is a valve which is automatically opened and closed by the flow of the medium itself, and is used to prevent the reverse flow of the medium. It is also called a reverse check valve, a one-way valve, a countercurrent valve, and a back pressure valve. The check valve is an automatic valve. Its main function is to prevent the backflow of the medium, prevent the reversing of the pump and drive motor, and the discharge of the container medium. The check valve can also be used to supply pipelines where the pressure may exceed the system pressure. The check valve can be divided into swing check valve (with center of gravity) and lift check valve (moving along the axis).

执行标准 Performance standard

结构形式 Structure form	设计依据 Design basis	设计与制造 Design and manufacturing	结构长度 Face to face dimension	法兰连接 Flange connection	试验与检验 Test and inspection
螺栓閥盖式 Bolted bonnet lift check valve	GB	GB/T 12235	GB/T 12221	HG20592 JB/T 79 GB/T9113	JB/T 9092 GB/T 13927
	API	BS 1868	ASME B16.10	ASME B16.5	API 598

主要性能规范 Main performance specification

公称压力PN(Mpa) Nominal pressure	试验压力 Test pressure(MPa)		适用温度 Applicable temperature(°C)				适用介质 Applicable medium
	强度试验 Strength test	密封试验 Sealing test	WCB	Cr5Mo	1Cr18Ni12Mo2Ti	1Cr18Ni9Ti	
1.6	2.4	1.8	≤425	≤550	≤220	≤200	水、油品、蒸汽、酸性介质 Water, oil, steam, Acid medium
2.5	3.8	2.8					
4.0	6.0	4.4					
6.4	9.6	7.1					
10.0	15.0	11.0					
16.0	24.0	18					

主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material	
	GB	ASTM
閥体 Body	WCB, WC1, WC6, WC9, C5 CF8, CF8M, CF8C, CF3, CF3M	WCB, WC1, WC6, WC9, C5 CF8, CF8M, CF8C, CF3, CF3M
閥瓣 Disc	WCB, WC1, WC6, WC9, C5, CF8, CF8M, CF8C, CF3, CF3M	WCB, WC1, WC6, WC9, C5 CF8, CF8M, CF8C, CF3, CF3M
双头螺柱 Stud stud	35CrMoA, 25Cr2MoV, 0Cr18Ni9, 0Cr17Ni12Mo2	A193-B7, A320-B8, A193-B8M
六角螺母 Hexagon nut	45, 35CrMoA, 25Cr2MoV, 0Cr18Ni9, 0Cr17Ni12Mo2	A194-2H, A194-8, A194-8M
垫片 Shim	柔性石墨+不锈钢 Flexible graphite + stainless steel	柔性石墨+不锈钢 Flexible graphite + stainless steel
閥盖 Bonnet	25, 1Cr18Ni9Ti, 0Cr18Ni12Mo2Ti 20Cr1Mo1V, 25Cr2MoV	A105, F11, F22, F5, F9 F304, F316, F321, F304L, F316L

主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

公称通径DN(mm) Nominal diameter	L	D	D1	D2	D6	b	z-φd	参考值 Reference value H
PN1.6MPa								
15	130	95	65	45	-	14	4-14	90/77
20	150	105	75	55	-	14	4-14	95/77
25	160	115	85	65	-	14	4-14	100/80
32	180	135	100	78	-	16	4-18	105/85
40	200	145	110	85	-	16	4-18	110/95
50	230	160	125	100	-	16	4-18	115/105
65	290	180	145	120	-	18	4-18	140/120
80	310	195	160	135	-	20	8-18	170/130
100	350	215	180	155	-	20	8-18	200/140
125	400	245	210	185	-	22	8-18	230/155
150	480	280	240	210	-	24	8-23	255/180
200	600	335	295	265	-	26	12-23	285/215
250	650	405	355	320	-	30	12-25	290/260
300	750	460	410	375	-	30	12-25	300/315
400	1100	580	525	485	-	36	16-30	-
500	1250	705	650	608	-	44	20-34	-
PN2.5MPa								
15	130	95	65	45	-	16	4-14	90/100
20	150	105	75	55	-	16	4-14	95/105
25	160	115	85	65	-	16	4-14	100/120
32	180	135	100	78	-	18	4-18	105/130
40	200	145	110	85	-	18	4-18	110/135
50	230	160	125	100	-	20	4-18	115/149
65	290	180	145	120	-	22	8-18	140/160
80	310	195	160	135	-	22	8-18	170/169
100	350	230	190	160	-	24	8-23	200/194
125	400	270	220	188	-	28	8-25	232/222
150	480	300	250	218	-	30	8-25	262/255
200	600	360	310	278	-	34	12-25	285/305
250	650	425	370	332	-	36	12-30	290/355
300	750	485	430	390	-	40	16-30	300/410
400	1100	580	525	485	-	36	16-30	-
500	1250	705	650	608	-	44	20-34	-
PN4.0MPa								
15	130	95	65	45	40	16	4-14	100/90
20	150	105	75	55	51	16	4-14	105/95
25	160	115	85	65	58	16	4-14	120/105
32	180	135	100	78	66	18	4-18	130/120
40	200	145	110	85	76	18	4-18	135/140
50	230	165	125	100	88	20	4-18	149/150
65	290	185	145	120	110	22	8-18	164/160
80	310	200	160	135	121	22	8-18	169/175
100	350	235	190	160	150	24	8-23	194/200
125	400	270	220	188	176	28	8-25	225/225
150	480	300	250	218	204	30	8-25	255/262
200	600	375	320	282	260	38	12-30	305/315
250	650	445	385	345	313	42	12-34	360/360
300	750	510	450	408	364	46	16-34	415/415
350	980	570	510	465	422	52	16-34	-
400	1100	655	585	535	474	58	16-41	-
450	1200	680	610	560	524	60	16-41	-
500	1250	755	670	612	576	62	20-48	-
PN6.4MPa								
15	210	105	75	55	40	18	4-14	100
20	230	125	90	68	51	20	4-18	110
25	230	135	100	78	58	22	4-18	125
32	260	150	110	82	66	24	4-23	140
40	260	165	125	95	76	24	4-23	168
50	300	175	135	105	88	26	4-23	170
65	340	200	160	130	110	28	8-23	188
80	380	210	170	140	121	30	8-23	205
100	430	250	200	168	150	32	8-25	230
125	500	295	240	202	170	36	8-25	245
150	550	340	280	240	204	38	8-34	265
200	650	405	345	300	260	44	12-34	310

◎执行标准 Performance standard

设计规范 Design specification	结构长度 Structural length	连接法兰 Connecting flange	试验与检验 Test and inspection	产品标识 Product identification	供货规范 Supply specification
API608 API6D	ANSI B16.10 API6D	ANSI B16.5	API598 API6D	MSS SP-25 API6D	API608 API6D

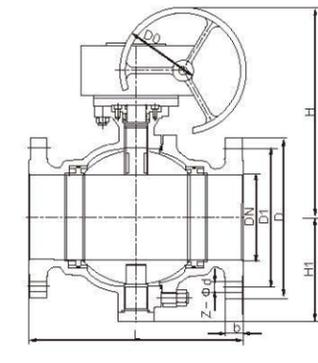
◎主要性能规范 Main performance specification

公称压力 Nominal pressure(PN)	150Lb	300Lb	400Lb	600Lb
壳体实验压力 Shell pressure	3.1	7.5	10.2	15.0
密封试验(液) Sealing test (liquid)	2.2	5.5	7.48	11.0
密封试验(气) Seal test (gas)	0.5~0.7			
适用介质 Applicable medium	C 水、油品、蒸汽 Water, oil, steam	P 硝酸类 Nitric acid	R 醋酸类 Acetic acid	
适用温度 Applicable temperature	≤ 200°C			

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Materials				
	WCB/A105+HCr(ENP)	WCB/304	WCB/316	CF8	CF8M
阀体 Body	ASTM A216 WCB	ASTM A216 WCB	ASTM A216 WCB	ASTM A351 CF8	ASTM A351 CF8
螺柱 Stud	ASTM A194 2H				
螺母 Nut	ASTM A193 B7				
O型圈 O-ring	Viton	Viton	Viton	Viton	Viton
轴套 Axle sleeve	Metal backed PTFE				
隔圈 Gaske	ASTM A182 F6a	ASTM A182 F304	ASTM A182 F316	ASTM A182 F304	ASTM A182 F316
阀杆 Stem	ASTM A182 F6a	ASTM A182 F304	ASTM A182 F316	ASTM A182 F304	ASTM A182 F316
键 Key	碳钢 Carbon steel	碳钢 Carbon steel	碳钢 Carbon steel	不锈钢 Stainless steel	不锈钢 Stainless steel
键 Key	碳钢 Carbon steel	碳钢 Carbon steel	碳钢 Carbon steel	不锈钢 Stainless steel	不锈钢 Stainless steel
O型圈 O-ring	Viton	Viton	Viton	Viton	Viton
垫片 Gasket	PTFE	PTFE	PTFE	PTFE	PTFE
压盖 Gland	ASTM A105	ASTM A105	ASTM A105	ASTM A182 F304	ASTM A182 F316
螺钉 Gland bolt	ASTM A193 B7	ASTM A193 B7	ASTM A193 B7	ASTM A193 B8	ASTM A193 B8M
O型圈 O-ring	Viton	Viton	Viton	Viton	Viton
蜗轮 Worm gear	碳钢 Carbon steel				
球体 Ball	A105+HCr(ENP)	ASTM A182 F304	ASTM A182 F316	ASTM A182 F304	ASTM A182 F316
阀座 Seat	增强 Reinforced PTFE				
O型圈 O-ring	Viton	Viton	Viton	Viton	Viton
阀座 Seat	ASTM A105	ASTM A105	ASTM A105	ASTM A182 F304	ASTM A182 F316
弹簧 Spring	SS304or Inconel 750	SS304or Inconel 750	SS316or Inconel 750	SS304or Inconel 750	SS304or Inconel 750
垫片 Gasket	Viton or PTFE or Graphite				
螺柱 Body nut	ASTM A193 B7	ASTM A193 B7	ASTM A193 B7	ASTM A193 B8	ASTM A193 B8M
螺母 Nut	ASTM A194 2H	ASTM A194 2H	ASTM A194 2H	ASTM A194 8	ASTM A194 8M
阀盖 Bonnet	ASTM A216 WCB	ASTM A216 WCB	ASTM A216 WCB	ASTM A351 CF8	ASTM A351 CF8M
下轴 Under shaft	ASTM A182 F6a	ASTM A182 F304	ASTM A182 F316	ASTM A182 F304	ASTM A182 F316
O型圈 O-ring	Viton	Viton	Viton	Viton	Viton
调整垫 Adjustment pad	ASTM A182 F6a	ASTM A182 F304	ASTM A182 F316	ASTM A182 F304	ASTM A182 F316
下端盖 Lower end cover	ASTM A105	ASTM A105	ASTM A105	ASTM A182 F304	ASTM A182 F316
螺钉 Capscrew	ASTM A193 B7	ASTM A193 B7	ASTM A193 B7	ASTM A193 B8	ASTM A193 B8M

注：上表仅列出了铸钢球阀最常用零部件，根据用户要求或阀门的实际使用工况，本公司可以提供其他多种不同的零部件材料配置。
Note: the above table only lists the most common components of cast steel ball valve, according to user requirements or the actual use of the valve, the company can provide a variety of different parts of the material configuration.



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	L	D0	D	D1	b	Z-φd	H	H1	WT(Kg)
150Lb									
2	178	-	150	120.5	18	4-19	177	120	15
2 1/2	191	-	180	139.5	21	4-19	190	140	19
3	203	-	190	152.5	23	4-19	210	150	27
4	229	-	230	190.5	23	8-19	235	172	38
5	356	-	255	216	23	8-22	350	215	58
6	394	-	280	241.5	24	8-22	530	250	81
8	457	600	345	298.5	27	8-22	620	290	140
10	533	600	405	362	30	12-25	650	320	160
12	610	600	485	452	31	12-25	780	360	205
14	686	800	535	476	34	12-29	790	395	260
16	762	800	595	539.5	35	16-29	920	450	390
18	864	800	635	578	38.5	16-32	970	490	510
20	914	800	700	635	42	20-32	1100	530	750
24	1067	800	815	749.5	47	20-35	1150	590	1200
28	1245	800	837	795.2	45	40-23	1850	700	2100

◎主要外形尺寸和连接尺寸 Main shape size and connection size

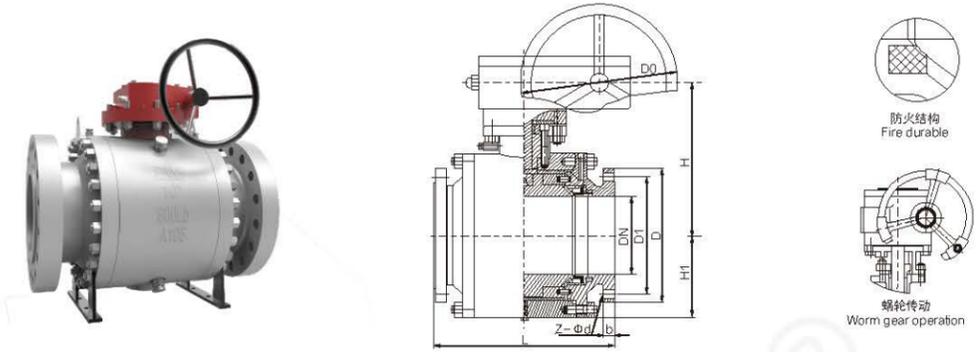
单位(Unit): mm

in	L	D	D1	b	Z-φd	H	H1	W	WT(Kg)
300Lb									
2	216	165	127	21	8-19	177	120	-	20
2½	241	190	149	24	8-22	190	140	-	25
3	283	210	168	27	8-22	210	150	-	30
4	305	255	200	30.5	8-22	235	172	-	40
5	381	280	235	34	8-22	350	215	-	65
6	403	320	270	35	12-22	530	250	-	85
8	502	380	330	40	12-25	620	290	600	100
10	568	445	387.5	46.5	16-29	650	320	600	182
12	648	520	451	50	16-32	780	360	600	212
14	762	585	514.5	53	20-32	790	395	800	288
16	838	650	571.5	56	20-35	920	450	800	468
18	914	710	620.6	59	24-35	970	490	800	587
20	991	775	685.8	62	24-35	1100	530	800	863
24	1143	915	813	68.5	24-42	1150	590	800	1396
28	1346	920	875	89	36-35	1850	700	800	2415

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	LRF	LBW	d	D0	D	D1	b	Z-φd	H1	H	WT(Kg)
600Lb											
1/2	165	165	13	160	95	56.5	14	4-16	-	59	7.5
3/4	190	190	19	160	115	82.5	16	4-19	-	63	10.5
1	216	216	25	230	125	89	18	4-19	-	75	14.5
1½	241	241	38	400	155	114.5	22	4-22	-	95	18.5
2	292	292	51	700	165	127	25	8-19	-	107	25
4	432	432	102	1100	275	216	38	8-25	-	178	76
6	559	559	152	600	355	282.1	47	12-29	250	300	127
8	660	660	203	800	420	349.2	56	12-32	294	374	350
10	787	787	254	800	510	431.8	64	16-35	370	445	660
12	838	838	305	800	560	489	67	20-35	420	515	820
14	889	889	337	800	605	527	70	20-38	460	550	1130
16	991	991	387	800	685	603.2	76	20-41	505	615	1550
20	1194	1194	489	800	815	724	89	24-44.5	630	810	2800
24	1397	1397	591	800	940	838.2	102	24-51	825	1010	5300
28	1549	1549	686	800	952	864	116	28-55	970	1180	6500



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	L	D0	D	D1	b	Z-φd	H	H1	WT(Kg)
150Lb									
2	178	-	150	120.7	18	4-19	160	85	28
2½	191	-	180	139.7	21	4-19	170	95	32
3	203	-	190	152.4	23	4-19	200	110	44
4	229	-	230	190.5	23	8-19	210	120	86
5	356	-	255	215.9	23	8-22	350	215	133
6	394	-	280	241.3	24	8-22	530	190	203
8	457	600	345	298.5	27	8-22	575	230	273
10	533	600	405	362	30	12-25	585	260	450
12	610	600	485	431.8	31	12-29	730	300	583
14	686	800	535	476.3	34	12-29	860	350	750
16	762	800	595	539.8	35	16-27	935	395	1190
18	864	800	635	578	38.5	16-32	975	440	2100
20	914	800	700	635	42	20-32	1060	485	3100
24	1067	800	815	749.3	46.5	20-35	1170	591	3980
28	1245	800	836.6	795.2	45	40-23	1270	686	4800
300Lb									
2	216	-	165	127	21	4-19	160	85	30
2½	241	-	190	149.2	24	8-22	170	95	40
3	283	-	210	168.3	27	8-22	200	110	52
4	305	-	255	200	30.5	8-22	210	120	97
5	381	-	280	235	34	8-22	350	215	135
6	403	-	320	267	35	12-22	530	190	204
8	502	600	380	330.5	40	12-25	575	230	322
10	568	600	445	387.4	46.5	16-29	585	260	535
12	648	600	520	450	50	16-32	730	300	775
14	762	800	585	514.4	53	20-32	860	350	1210
16	838	800	650	571.5	56	20-35	935	395	2300
18	914	800	710	628.6	59	24-35	975	440	3400
20	991	800	775	685.8	62	24-35	1060	485	4208
24	1143	800	905	812.8	68.5	24-42	1170	591	5080
28	1346	800	920	857	89	36-35	1270	686	5750

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	L	D0	D	D1	b	Z-φd	H	H1	WT(Kg)
600Lb									
2	368	-	165	127	26	8-19	160	85	30
2½	419	-	190	149.5	29	8-22	170	95	40
3	381	-	210	168	32	8-22	200	110	52
4	457	-	275	216	39	8-25	210	120	97
5	508	-	330	266.5	45	8-29	350	215	135
6	600	-	355	292	48	12-29	530	190	204
8	737	600	420	349	56	12-32	575	230	322
10	838	600	510	432	64	16-35	585	260	535
12	965	600	560	489	67	20-35	730	300	775
14	1029	800	605	527	70	20-38	860	350	1210
16	1130	800	685	603	76	20-41	935	395	2300
18	1219	800	745	654	83	20-45	975	440	3400
20	1321	800	815	724	89	24-45	1060	485	4208
24	1549	800	940	838	102	24-51	1170	591	5080

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

in	L	D0	D	D1	b	Z-φd	H	H1	WT(Kg)
900Lb									
2	368	-	215	123.8	26	8-25	160	85	32
2½	419	-	245	165.1	28	8-29	170	95	50
3	381	-	240	190.5	39	8-22	200	110	64
4	457	-	290	235	45	8-29	210	120	122
5	508	-	350	279.4	51	8-32	350	215	153
6	600	600	380	317.5	56	12-29	530	190	267
8	737	600	470	393.7	64	12-35	575	230	521
10	838	600	545	470	70	16-35	585	260	773
12	965	800	610	533.4	80	20-35	730	300	1072
14	1029	800	640	559	86	20-38	860	350	1880
16	1130	800	705	616	89	20-41	935	395	2650
18	1219	800	785	685.8	102	20-48	975	440	3677
20	1321	800	855	749.3	108	20-54	1060	485	4500
24	1549	800	1040	902	140	20-64	1170	591	5305

◎产品特点 Product features

我公司生产的浮动式球阀采用单斜面弹性密封圈或V型槽弹性密封圈结构设计,当介质压力较小时,密封圈与球体的接触面积较小,故有较大的密封比压,确保可靠密封,介质压力较大时,密封圈与球体接触面积增大,故密封圈能承受较大的介质推力而不会损坏。由于聚四氟乙烯等密封圈材料具有良好的自润滑性,与球体的摩擦损失小,故使用寿命长。

Our company produces floating ball valve with a single inclined plane elastic sealing ring or V shaped groove elastic sealing ring structure design, when the medium pressure, sealing ring and the contact area is smaller, so there is a greater sealing pressure, to ensure reliable sealing, medium pressure, sealing ring and sphere contact area increases, so the sealing ring can withstand greater media thrust and will not damage. Because of the PTFE sealing ring material has good self lubrication, and the ball of the friction loss is small, so long life.

◎执行标准 Performance standard

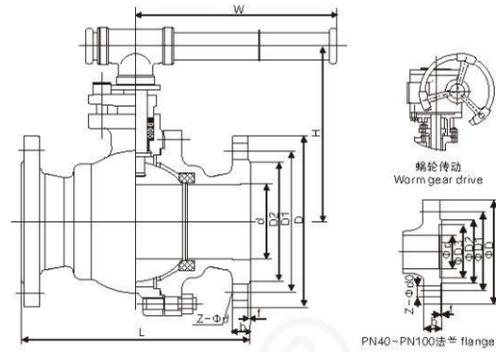
设计标准 Design standard	GB/T 12237
法兰连接结构长度 Flange connection structure length	GB/T 12221
结构长度(焊接) Face to face dimension (welding)	GBT 15188.1
连接法兰 Connecting flange	GB/T9113 JB/T79 HG20592
对焊端 Butt welding ends	GB/T12224
试验和检验 Test and inspection	GB/T9092

◎主要性能规范 Main performance specification

压力等级 Pressure grade	公称压力 Nominal pressure PN(MPa)					
	1.6	2.5	4.0	6.4	10.0	
试验压力 Test pressure	壳体试验 Shell test	2.4	3.8	6.0	9.6	15.0
	密封试验 Seal test	1.8	2.75	4.4	7.0	11.0
适用工况 Applicable condition	适用介质 Applicable medium	纸浆、浆料、粉尘及含各种固体颗粒的介质 Pulp, slurry, dust and medium containing various solid particles				
	适用温度 Applicable temperature	-196~≤550°C				

◎主要零部件材质 Materials of main parts

零件名称 Parts name	材料 Material	
	GB	ASTM
阀体 Body	WCB	A216-WCB
密封圈 Sealing ring	PTFE/PEEK	PTFE/PEEK
球体 Ball	1Cr18Ni9Ti	SS304
螺母 Nut	35	A194-2H
螺柱 Stud	35CrMoA	A193-B7
右体 Right	WCB	A216-WCB
垫片 Shim	柔性石墨+不锈钢 Flexible graphite + stainless steel	B12.10-304/F.G
填料 Packing	PTFE	PTFE
填料压盖 Packing gland	WCB	A216-WCB
定位片 Locating piece	25	A105
挡圈 Ring	65Mn	AISI 1066
手柄 Handle	WCB	A216-WCB
阀杆 Stem	2Cr13	A276-410
螺钉 Screw	35	A193-B7
止推垫片 Thrust washer	PTFE	PTFE



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

公称通径 Nominal diameter DN(mm)	PN1.6MPa												
	L	d	D	D1	D2	D3	b	f	Z-φd0	W		H	
										手动 Manual	蜗轮 Worm gear	手动 Manual	蜗轮 Worm gear
15	130	15	95	65	45	-	14	2	4-14	140	-	85	-
20	140	20	105	75	55	-	14	2	4-14	140	-	90	-
25	150	25	115	85	65	-	14	2	4-14	160	-	99	-
32	165	32	135	100	78	-	16	2	4-18	180	-	105	-
40	180	40	145	110	85	-	16	3	4-18	235	-	126	-
50	200	50	160	125	100	-	16	3	4-18	250	-	140	-
65	220	65	180	145	120	-	18	3	4-18	285	-	165	-
80	250	80	195	160	135	-	20	3	8-18	320	-	178	-
100	280	100	215	180	155	-	20	3	8-18	350	-	230	380
125	320	125	245	210	185	-	22	3	8-18	800	-	280	405
150	360	150	280	240	210	-	24	3	8-23	1000	-	310	460
200	400	200	335	295	265	-	26	3	12-23	1200	-	350	550
250	457	250	405	355	320	-	30	3	12-25	1400	-	-	-

◎主要外形尺寸和连接尺寸 Main shape size and connection size

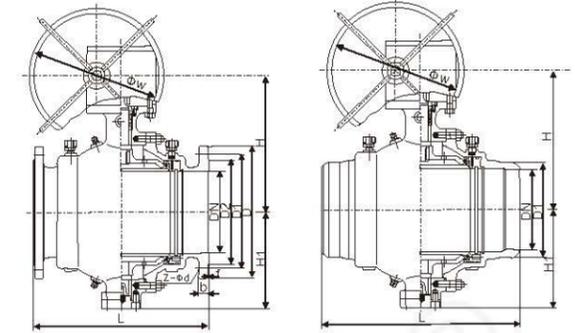
单位(Unit): mm

公称通径 Nominal diameter DN(mm)	PN2.5MPa												
	L	d	D	D1	D2	D3	b	f	Z-φd0	W		H	
										手动 Manual	蜗轮 Worm gear	手动 Manual	蜗轮 Worm gear
15	130	15	95	65	45	-	16	2	4-14	140	-	85	-
20	140	20	105	75	55	-	16	2	4-14	140	-	90	-
25	150	25	115	85	65	-	16	2	4-14	150	-	99	-
32	165	32	135	100	78	-	18	2	4-18	180	-	105	-
40	180	40	145	110	85	-	18	3	4-18	200	-	126	-
50	200	50	160	125	100	-	20	3	4-18	250	-	140	-
65	220	65	180	145	120	-	22	3	8-18	300	-	165	-
80	250	80	195	160	135	-	22	3	8-18	350	-	178	-
100	280	100	230	190	160	-	24	3	8-23	500	-	230	380
125	320	125	270	220	188	-	28	3	8-25	800	-	280	405
150	360	150	300	250	218	-	30	3	8-25	1000	-	310	460
200	400	200	360	310	278	-	34	3	12-25	1200	-	350	550
250	457	250	425	370	332	-	36	3	12-30	1400	-	-	-
PN4.0MPa													
15	130	16	95	65	45	40	16	2	4-14	140	-	85	-
20	140	20	105	75	55	51	16	2	4-14	140	-	90	-
25	150	25	115	85	65	58	16	2	4-14	150	-	99	-
32	180	32	135	100	78	66	18	2	4-18	180	-	105	-
40	200	40	145	110	85	76	18	3	4-18	200	-	126	-
50	220	50	160	125	100	88	20	3	4-18	250	-	142	-
65	250	65	180	145	120	110	22	3	8-18	300	-	165	-
80	280	80	195	160	135	121	22	3	8-18	350	305	178	330
100	320	100	230	190	160	150	24	3	8-23	500	305	230	380
125	380	125	270	220	188	176	28	3	8-25	800	305	280	420
150	400	150	300	250	218	204	30	3	8-25	800	305	310	480
200	502	200	375	320	282	260	38	3	12-30	1000	400	350	560
PN6.4MPa													
15	140	15	105	75	55	40	18	2	4-14	140	-	79	-
20	152	20	125	90	68	51	20	2	4-18	140	-	83	-
25	165	25	135	100	78	58	22	2	4-18	200	-	114	-
32	200	32	150	110	82	66	24	2	4-23	200	-	120	-
40	220	40	165	125	95	76	24	3	4-23	250	-	125	-
50	250	50	175	135	105	88	26	3	4-23	300	-	156	-
65	280	65	200	160	130	110	28	3	8-23	350	-	172	-
80	320	80	210	170	140	121	30	3	8-23	500	305	220	390
100	360	100	250	200	168	150	32	3	8-25	650	305	250	440

◎产品概述 Product overview

固定球阀，是新一代高性能球阀，适用于长输管线和一般工业管线，其强度、安全性、耐恶劣环境性等在设计时进行了特殊考虑，适用于各种腐蚀性和非腐蚀性介质。它与浮动球阀相比，工作时，阀前流体压力在球体上产生的作用力全部传递给轴承，不会使球体向阀座移动，因而阀座不会承受过大的压力，所以固定球阀的转矩小、阀座变形小，密封性能稳定、使用寿命长，适用于高压、大口径场合。固定球阀有二块式和三块式两种阀体结构，中法兰用螺栓连接，密封采用增强聚四氟乙烯镶入不锈钢圈内，钢圈后部设有弹簧保证阀座紧贴球体，保持密封。

The fixed ball valve is a new generation of high performance ball valves. It is suitable for long distance pipeline and general industrial pipeline. Its strength, safety, and bad environment resistance are considered in the design. It is suitable for various corrosive and non corrosive medium. Compared with the floating ball valve, the force generated by the fluid pressure before the valve is all transferred to the bearing, and the ball will not move to the seat, so the seat will not bear the pressure, so the torque of the valve is small, the valve seat is small, the sealing performance is stable and the service life is long, suitable for high pressure and large size. Caliber occasions. The fixed ball valve has two block and three block type body structure. The middle flange is bolted with the bolt. The seal is inlaid with the reinforced PTFE into the stainless steel ring. The rear part of the steel ring is equipped with a spring to keep the seat close to the ball and keep the seal.



◎使用范围 Scope of use

公称口径DN(mm) Nominal diameter	驱动方式 Driving mode	适用温度 Applicable temperature	适用介质 Applicable medium
DN15~800mm 1/2"~32"	手动、气动、电动、液动等 Manual, pneumatic, electric, hydraulic, etc	-196°C~350°C	水、气、油品、天然气和酸碱腐蚀性介质 Water, gas, oil, natural gas and acid and caustic media.

◎执行标准 Performance standard

设计标准 Design standards	GB/T 12237
法兰连接结构长度 Flange connection structure length	GB/T 12221
结构长度(焊接) Structural length (welding)	GBT 15188.1
连接法兰 Connecting flange	GB/T9113、JB/T79 HG20592
对焊端 Butt welding end	GB/T12224
试验和检验 Test and test	GB/T9092

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material	
	GB	ASTM
端盖 End cap	WCB	A216-WCB
螺母 Nut	35	A193-B7
底盖 Bottom cover	WCB	A216-WCB
垫片 Shim	PTFE; 柔性石墨+不锈钢 Flexible graphite+SS	PTFE, B12.10-304/F.G
螺钉 Screw	35CrMo	A194-2H
下阀杆 Lower stem	2Cr13	A276-410
O型圈 O type ring	NBR	NBR
垫片 Shim	PTFE; 柔性石墨+不锈钢 Flexible graphite+SS	PTFE, B12.10-304/F.G
阀体 Valve body	WCB	A216-WCB
排污塞 Blowdown plug	25	A105
弹簧 Spring	60Si2Mn	AISI 9260
阀座 Valve seat	25	A105
密封圈 Seal ring	PTFE	PTFE
O型圈 O type ring	NBR	NBR
注脂阀 Fat injection valve	组件 assembly	组件 assembly
球体 Sphere	WCB+Har	WCB+HCr
阀杆 The stem	2Cr13	A276-410
键 Key	45	AISI C 1045
垫片 Shim	PTFE+不锈钢SS	PTFE+304
O型圈 O type ring	NBR	NBR
填料箱 Packing box	25	A105
螺钉 Screw	35CrMo	A194-2H
填料垫 Stuffing pad	1Cr13	A276-410
填料 Filler	碳纤维; 柔性石墨; PTFE Carbon fiber; flexible graphite	
填料压盖 Packing gland	WCB	A216-WCB
支架 Bracket	Q235A	碳钢 carbon steel
连接套 Connection sleeve	45	AISI C 1045

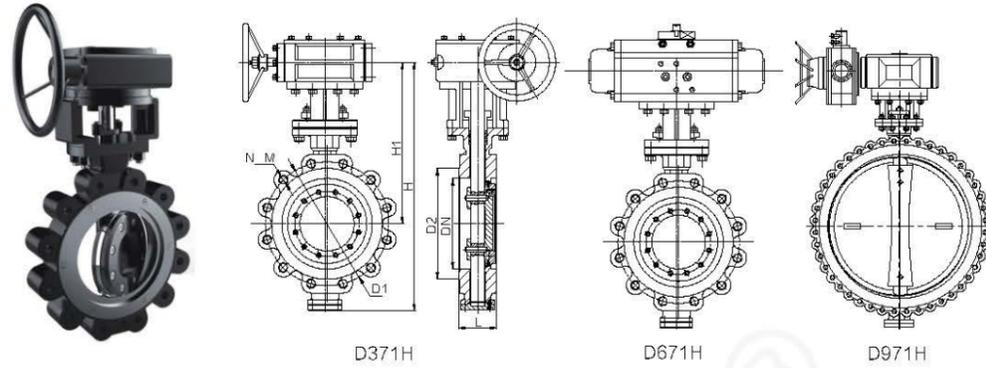
◎主要性能规范 Main performance specification

压力等级 Pressure grade		试验压力 Test pressure (MPa)	
公称压力PN(MPa)	磅级 class(Lb)	壳体试验 Shell test	密封试验 Seal test
1.0	-	1.5	1.1
1.6	-	2.5	1.76
2.5	-	3.8	2.75
4.0	-	6.0	4.4
6.4	-	9.6	7.04
-	150	3.0	2.2
-	300	7.6	5.6
-	600	16.0	11.0
-	10k	2.4	1.5
-	20k	5.8	4.0

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

公称口径 Nominal diameter DN(mm)	PN1.6MPa											
	L	d1	D	D1	D2	b	f	Z-Φd	W		H	
									手动 Manual	347型 Type	647型 Type	
15	140	15	95	65	45	14	2	4-14	130	-	-	
20	152	20	105	75	55	14		4-14	170	-	-	
25	165	25	115	85	65	14		4-14	170	-	-	
32	178	32	135	100	78	16		4-18	200	-	-	
40	190	40	145	110	85	16		4-18	25	-	-	
50	220	50	160	125	100	16	3	4-18	25	-	-	
65	241	65	180	145	120	18		4-18	350	-	-	
80	283	80	195	180	135.4	20		8-18	350	-	-	
100	305	100	215	180	155	20		8-18	420	-	-	
125	381	125	245	210	185	22		8-18	700	-	542	
150	394	150	280	240	210	24	4	8-23	100	305	672	
200	457	200	335	295	265	28		12-23	1300	398	736	
250	533	250	405	355	320	30		12-25	1800	495	890	
300	610	300	460	410	375	30		12-25	-	580	910	
350	686	350	520	470	435	34		16-25	-	625	1020	
400	762	400	580	525	485	36	5	16-30	-	720	1080	
450	864	450	640	585	545	40		20-30	-	770	1120	
500	914	500	705	650	608	44		20-34	-	840	1150	
600	1067	600	840	770	718	48		20-41	-	920	1230	
700	1245	700	910	840	788	50		24-41	-	990	1310	
	PN2.5MPa											
15	152	15	95	65	45	16	2	4-14	130	-	-	
20	165	20	105	75	55	16		4-14	170	-	-	
25	178	25	115	85	65	16		4-14	170	-	-	
32	190	32	135	100	78	18		4-18	200	-	-	
40	220	40	145	110	85	18		4-18	250	-	-	
50	241	50	160	125	100	20	3	4-18	250	-	-	
65	283	65	180	145	120	22		8-18	350	-	-	
80	305	80	195	160	135	22		8-18	350	-	-	
100	381	100	230	190	160	24		8-23	420	-	418	
125	403	125	270	220	188	28		8-25	720	-	542	
150	502	150	300	250	218	30	4	8-25	1000	305	572	
200	568	200	360	310	278	34		12-25	1300	398	736	
250	648	250	425	370	332	36		12-30	1800	495	890	
300	762	300	485	430	390	40		16-30	-	580	910	
350	838	350	550	490	448	44		16-34	-	625	1020	
400	914	400	610	550	505	48	5	16-34	-	720	1080	
450	991	450	660	600	555	50		20-34	-	770	1120	
500	1143	500	730	660	610	52		20-41	-	840	1150	
600	1346	600	840	770	718	56		20-41	-	920	1230	
700	-	700	955	875	815	60		24-48	-	990	1310	



◎主要性能规范 Main performance specification

公称压力 Nominal pressure PN(MPa)	试验压力(MPa) Test pressure (MPa)			工作温度(°C) Working temperature	适用介质 Applicable medium
	壳体试验(MPa) Shell test	高压密封 High pressure seal	低压密封 Low pressure seal		
CLASS150	2.93	2.07	0.6	-29~425°C	水、蒸汽、油品、海水等 Water, steam, oil, seawater.
CLASS300	7.58	5.52	0.6		
CLASS600	15.0	11.03	0.6		

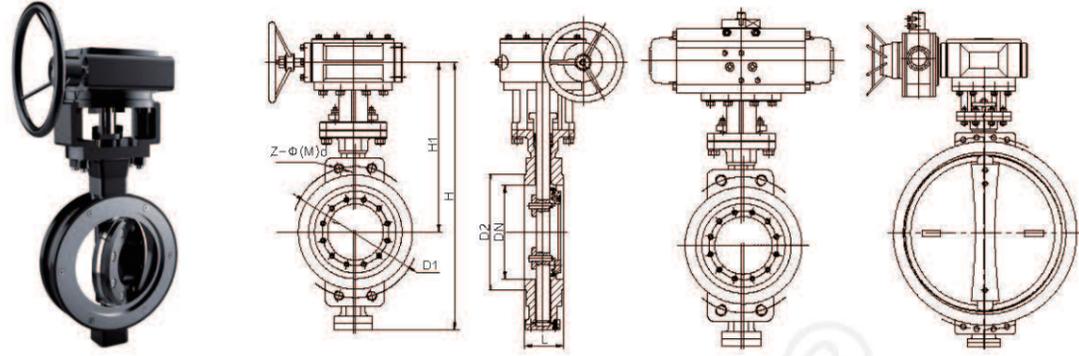
◎主要零部件材质 Materials of main parts

零件名称 Parts name	材料 Material
阀体 Body	WCB, 304, 316, 316SS, CF8M
蝶板 Disc	WCB, 304, 316, 316SS, CF8M
阀杆 Stem	316, 2Cr13, 1Cr18Ni9Ti
密封圈 Sealing ring	316, 氟塑料 Fluorine plastic
填料 Packing	柔性石墨、氟塑料 Flexible graphite, fluorine plastic

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位: Unit: mm

公称口径 Nominal diameter DN		150Lb						300Lb					
inch	mm	L	H	H1	D1	D2	N-M	L	H	H1	D1	D2	N-M
2	50	43	300	210	120.5	92	4-(5/8)	43	330	230	127	92	8-(5/8)
3	80	49	340	230	152.5	127	4-(5/8)	49	420	270	168.5	127	8-(3/4)
4	100	54	400	265	190.5	157	8-(5/8)	54	490	305	200	157	8-(3/4)
5	125	57	480	325	216	186	8-(3/4)	57	530	345	235	186	8-(3/4)
6	150	58	530	345	241.5	216	8-(3/4)	61	590	380	270	216	12-(3/4)
8	200	64	620	395	298.5	270	8-(3/4)	73	650	410	330	270	12-(7/8)
10	250	71	680	425	362	324	12-(7/8)	83	750	470	387.5	324	16-(1)
12	300	81	800	495	432	381	12-(7/8)	92	860	545	451	381	16-(11/8)
14	350	92	880	555	476	413	12-(1)	117	940	590	514.5	413	20-(11/8)
16	400	102	950	590	540	470	16-(1)	133	990	640	571.5	470	20-(11/4)
18	450	114	1000	630	578	533	16-(11/8)	149	1100	690	628.5	533	24-(11/4)
20	500	127	1110	700	635	584	20-(11/8)	159	1200	740	686	584	24-(11/4)
24	600	154	1230	750	749.5	692	20-(11/4)	181	1360	850	813	692	24-(11/2)
28	700	165	1350	810	795.3	762	40-(3/4)	229	1430	870	857.2	787	36-(11/4)
32	800	190	1390	840	900.1	864	48-(3/4)	254	1570	950	977.9	902	32-(11/2)
36	900	203	1660	1000	1009.6	972	44-(7/8)	254	1750	1110	1089	1010	32-(15/8)
40	1000	216	1720	1080	1120.8	1080	44-(1)	300	1980	1200	1190.6	1114	40-(15/8)
48	1200	254	2080	1250	1335.1	1289	44-(11/8)	360	2130	1270	1416	1327	40-(17/8)
公称口径 Nominal diameter DN		600Lb						900Lb					
inch	mm	L	H	H1	D1	D2	N-M	L	H	H1	D1	D2	N-M
6	150	78	620	400	292.1	216	12-(1)	104	760	460	317.5	216	12-(11/8)
8	200	102	730	460	349.2	270	12-(11/8)	112	850	530	393.7	270	12-(13/8)
10	250	117	870	550	431.8	324	16-(11/4)	135	980	635	469.9	324	16-(13/8)
12	300	140	930	600	489	381	20-(11/4)	170	1050	690	533.4	381	20-(13/8)
14	350	155	1005	630	527	413	20-(13/8)	173	1130	720	558.8	413	20-(11/2)
16	400	178	1135	705	603.2	470	20-(11/2)	210	1195	740	616	470	20-(15/8)
18	450	200	1200	750	654	533	20-(15/8)	228	1340	840	685.8	533	20-(17/8)
20	500	216	1270	780	723.9	584	24-(15/8)	250	1410	865	749.3	584	20-(2)
24	600	232	1440	880	838.2	692	24-(17/8)	275	1645	990	901.7	692	20-(21/2)



◎主要性能规范 Main performance specification

公称通径 Nominal Diameter	公称压力 Nominal Pressure	试验压力(MPa) Test Pressure			泄漏率 Leakage	适用温度 Applicable Temperature	适用介质 Applicable Media	驱动形式 Operation
		强度试验 Shell Test	密封试验 Seal Test	气密封试验 Air Sealing Test				
50~2000	0.6	0.9	0.66	0.6	$<0.1 \times DN \text{mm}^3/\text{s}$ (符合GB/T13927-92标准 According to Standard GB/T13927-92)	碳钢 Carbon steel: -29°C ~ 425°C 不锈钢 Stainless Steel: -40°C ~ 600°C	空气、水、蒸气、煤气、油品以及酸、碱、盐带有弱腐蚀性介质等 Air, Water, Steam, Coal Gas, Oil and Acid, Alkali, Salt Corrosive Medium and so on.	蜗杆蜗轮传动、气传动、电传动 Lever Operator, Worm Gear Operator, Pneumatic Operator, Electric Operator
	1.0	1.5	1.1	0.6				
	1.6	2.4	1.76	0.6				
	2.5	3.75	2.75	0.6				
50~1200	4.0	6.0	4.4	0.6				

◎主要零部件材质 Materials of main parts

零件名称 Parts Name	材料 Material
阀体 Body	铸铁、不锈钢、铬钼钢、合金钢 Cast iron, Stainless steel, Cr.Mo.Steel, alloy steel
蝶板 Disc	铸钢、合金钢、不锈钢、铬钼钢 Cast steel, Alloy steel, stainless steel, Cr.Mo.Steel
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 composed of multiple layers
阀杆 Stem	2Cr13、1Cr13不锈钢、铬钼钢 Stainless steel, Cr.Mo.Steel
轴承 Bearing	奥氏体不锈钢、304氮化ZG00CrNi10, 304 nitrification
填料 Packing	柔性石墨 Flexible Graphite

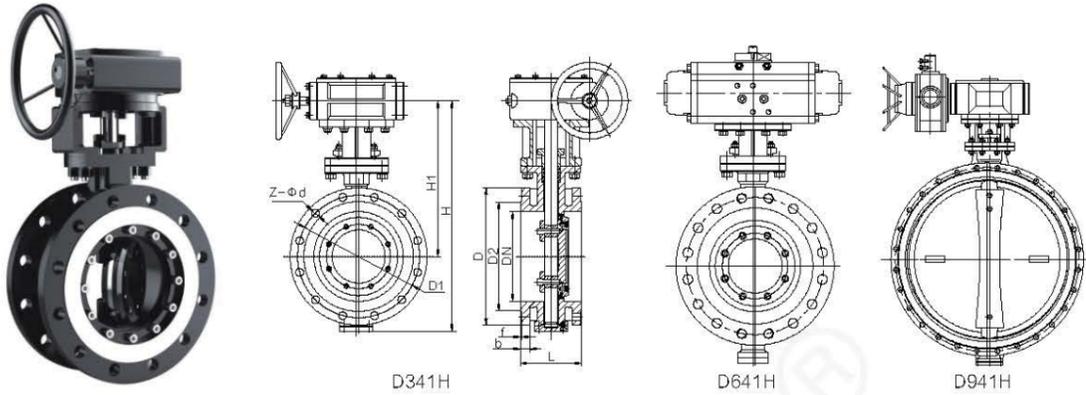
◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

公称通径 Nominal diameter DN(mm)	主要尺寸 Main dimension				PN0.6MPa			PN1.0MPa			PN1.6MPa		
	L1	L2	H	H1	D1	D2	Z-φ(M)d	D1	D2	Z-φ(M)d	D1	D2	Z-φ(M)d
D373H/F、D673H/F、D973H/F													
50	43	43	272	200	110	90	4-14	125	102	4-18	125	102	4-18
65	46	46	335	225	130	110	4-14	145	122	4-18	145	122	4-18
80	49	64	355	240	150	128	4-18	160	138	4-18	160	138	4-18
100	56	64	385	255	170	148	4-18	180	158	4-18	180	158	4-18
125	64	70	455	305	200	178	4-18	210	188	4-18	210	188	4-18
150	70	76	490	325	225	202	4-18	240	212	4-22	240	212	4-22
200	71	89	590	380	280	258	4-18	295	268	4-22	295	268	4-22
250	76	114	655	410	335	312	4-18	350	320	4-22	355	320	4-26
300	83	114	740	460	395	365	4-22	400	370	4-22	410	378	4-26
350	92	127	840	525	445	415	4-22	460	430	4-M20	470	438	4-M24
400	102	140	890	545	495	465	4-M20	515	482	4-M24	525	490	4-M27
450	114	152	1010	630	550	520	4-M20	565	532	4-M24	585	550	4-M27
500	127	152	1065	650	600	570	4-M20	620	585	4-M24	650	610	4-M30
600	154	178	1140	680	705	670	4-M24	725	685	4-M27	770	725	4-M33
700	165	229	1268	780	810	775	4-M24	840	800	4-M27	840	795	4-M33
800	190	241	1432	860	920	880	4-M27	950	905	4-M30	950	900	4-M36
900	203	241	1528	900	1020	980	4-M27	1050	1005	4-M30	1050	1000	4-M36
1000	216	300	1698	1000	1120	1080	4-M27	1160	1110	4-M33	1170	1115	4-M39
1200	254	360	1910	1100	1340	1295	4-M30	1380	1330	4-M36	1390	1330	4-M45
1400	279	390	2140	1200	1560	1510	4-M33	1590	1535	4-M39	1590	1530	4-M45
1600	318	440	2420	1330	1760	1710	4-M33	1820	1760	4-M45	1820	1750	4-M52
DN (mm)	主要尺寸 Main Dimension				PN2.5MPa			PN4.0MPa			PN6.3MPa		
	L1	L2	H	H1	D1	D2	Z-φ(M)d	D1	D2	Z-φ(M)d	D1	D2	Z-φ(M)d
50	43	43	272	200	125	102	4-18	125	102	4-18	135	102	4-22
65	46	46	335	225	145	122	4-18	145	122	4-18	160	122	4-22
80	49	64	355	240	160	138	4-18	160	138	4-18	170	138	4-22
100	56	64	385	255	190	162	4-22	190	162	4-22	200	162	4-26
125	64	70	455	305	220	188	4-26	220	188	4-26	240	188	4-30
150	70	76	490	325	250	218	4-26	250	218	4-26	280	218	4-33
200	71	89	590	380	310	278	4-26	320	285	4-M27	345	285	4-M33
250	76	114	655	410	370	335	4-30	385	345	4-M30	400	345	4-M33
300	83	114	740	460	430	395	4-M27	450	410	4-M30	460	410	4-M33
350	92	127	840	525	490	450	4-M30	510	465	4-M33	525	465	4-M36
400	102	140	890	545	550	505	4-M33	585	535	4-M36	585	535	4-M39
450	114	152	1010	630	600	555	4-M33	610	560	4-M36	-	-	-
500	127	152	1065	650	660	615	4-M33	670	615	4-M39	-	-	-
600	154	178	1140	680	770	720	4-M36	795	735	4-M45	-	-	-
700	165	229	1268	780	875	820	4-M39	-	-	-	-	-	-
800	190	241	1432	860	990	930	4-M45	-	-	-	-	-	-
900	203	241	1528	900	1090	1030	4-M45	-	-	-	-	-	-
1000	216	300	1698	1000	1210	1140	4-M52	-	-	-	-	-	-
1200	254	360	1910	1100	1420	1350	4-M52	-	-	-	-	-	-

注：偏心型软密封(X)(J)蝶阀连接尺寸同上。
4.0MPa以上结构长度为L2

Note: eccentric soft sealing (X) (J) butterfly valve connection size.
4.0MPa above structure length is L2



◎主要性能规范 Main performance specification

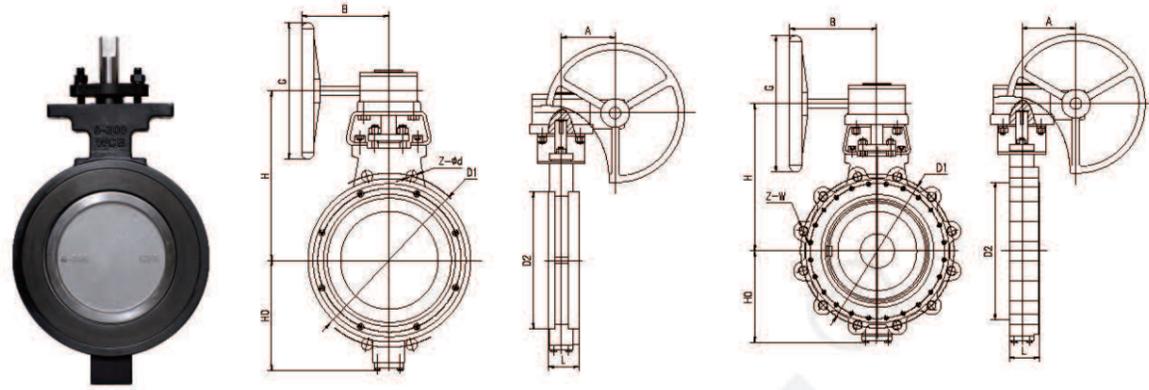
公称通径 Nominal Diameter	公称压力 Nominal Pressure	试验压力(MPa) Test Pressure			泄漏率 Leakage	适用温度 Applicable Temperature	适用介质 Applicable Media	驱动形式 Operation
		强度试验 Shell Test	密封试验 Seal Test	气密封试验 Air Sealing Test				
DN(mm)	PN(MPa)	0.6	0.9	0.6	<0.1×DNmm³/s (符合GB/T13927-92标准 According to Standard GB/T13927-92)	碳钢 Carbon steel: -29℃~425℃ 不锈钢 Stainless steel: -40℃~600℃	空气、水、蒸气、煤气、油品以及酸、碱、盐带有弱腐蚀性介质等 Air, Water, Steam, Coal Gas, Oil and Acid, Alkali, Salt Corrosive Medium and so on.	蜗杆蜗轮传动、气传动、电传动 Lever Operator, Worm Gear Operator, Pneumatic Operator, Electric Operator
		1.0	1.5	1.1				
		1.6	2.4	1.76				
		2.5	3.75	2.75				
50~2000	4.0	6.0	4.4	0.6				

◎主要零部件材质 Materials of main parts

零件名称 Parts Name	材料 Material
阀体 Body	铸铁、不锈钢、铬钼钢、合金钢 Cast iron, Stainless steel, Cr.Mo.Steel, alloy steel
蝶板 Disc	铸钢、合金钢、不锈钢、铬钼钢 Cast steel, Alloy steel, stainless steel, Cr.Mo.Steel
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 composed of multiple layers
阀杆 Stem	2Cr13、1Cr13不锈钢、铬钼钢 Stainless steel, Cr.Mo.Steel
轴承 Bearing	奥氏体不锈钢、304氮化 ZG00CrNi10, 304 nitridation
填料 Packing	柔性石墨 Flexible Graphite

◎主要外形尺寸和连接尺寸 Main shape size and connection size 国标 GB/T9113.1-2010 单位: Unit: mm

公称通径 Nominal diameter DN(mm)	主要尺寸 Main dimension					PN0.6MPa					PN1.0MPa					PN1.6MPa				
	L1	L2	H	H1	D	D1	D2	Z-φd	bxφ	D	D1	D2	Z-φd	bxφ	D	D1	D2	Z-φd	bxφ	
	D343H/F、D643H/F、D943H/F																			
50	108	150	275	200	140	110	90	4-14	14x3	165	125	102	4-18	18x3	165	125	102	4-18	18x3	
65	112	170	303	210	160	130	110	4-14	14x3	185	145	122	8*-18	18x3	185	145	122	8-18	18x3	
80	114	180	324	226	190	150	128	4-18	16x3	200	160	138	8-18	20x3	200	160	138	8-18	20x3	
100	127	190	380	250	210	170	148	4-18	16x3	220	180	158	8-18	20x3	220	180	158	8-18	20x3	
125	140	200	460	295	240	200	178	8-18	18x3	250	210	188	8-18	22x3	250	210	188	8-18	22x3	
150	140	210	490	315	265	225	202	8-18	18x3	285	240	212	8-22	22x3	285	240	212	8-22	22x3	
200	152	230	600	380	320	280	258	8-18	20x3	340	295	268	8-22	24x3	340	295	268	12-22	24x3	
250	165	250	655	405	375	335	312	12-18	22x3	395	350	320	12-22	26x3	405	355	320	12-26	26x3	
300	178	270	780	480	440	395	365	12-22	22x4	445	400	370	12-22	26x4	460	410	378	12-26	28x4	
350	190	290	875	545	490	445	415	12-22	22x4	505	460	430	16-22	26x4	520	470	438	16-26	30x4	
400	216	310	910	550	540	495	465	16-22	22x4	565	515	482	16-26	26x4	580	525	490	16-30	32x4	
450	222	330	1000	620	595	550	520	16-22	22x4	615	565	532	20-26	28x4	640	585	550	20-30	40x4	
500	229	350	1090	680	645	600	570	20-22	24x4	670	620	585	20-26	28x4	715	650	610	20-33	44x4	
600	267	390	1210	750	755	705	670	20-26	30x5	780	725	685	20-30	34x5	840	770	725	20-36	54x5	
700	292	430	1350	820	860	810	775	24-26	26x5	895	840	800	24-30	34x5	910	840	795	24-36	40x5	
800	318	470	1520	910	975	920	880	24-30	26x5	1015	950	905	24-33	36x5	1025	950	900	24-39	42x5	
900	330	510	1570	930	1075	1020	980	24-30	26x5	1115	1050	1005	28-33	38x5	1125	1050	1000	28-39	44x5	
1000	410	550	1700	980	1175	1120	1080	28-30	28x5	1230	1160	1110	28-36	38x5	1255	1170	1115	28-42	46x5	
1200	470	630	2040	1220	1405	1340	1295	32-33	28x5	1455	1380	1330	32-39	44x5	1485	1390	1330	32-48	52x5	
1400	530	710	2240	1310	1630	1560	1510	36-36	32x5	1675	1590	1535	36-42	48x5	1685	1590	1530	36-48	58x5	
1600	600	790	2440	1460	1830	1760	1710	40-36	34x5	1915	1820	1760	40-48	52x5	1930	1820	1750	40-56	64x5	
1800	670	870	2650	1560	2045	1970	1920	44-39	36x5	2115	2020	1960	44-48	56x5	2130	2020	1950	44-56	68x5	
2000	760	950	2860	1670	2265	2180	2125	48-42	38x5	2325	2230	2170	48-48	60x5	2345	2230	2150	48-62	70x5	
公称通径 Nominal diameter DN(mm)	PN2.5MPa					PN4.0MPa					PN6.3MPa					PN10.0MPa				
	D	D1	D2	Z-φd	bxφ	D	D1	D2	Z-φd	bxφ	D	D1	D2	Z-φd	bxφ	D	D1	D2	Z-φd	bxφ
50	165	125	102	4-18	20x3	165	125	102	4-18	20x3	180	135	102	4-22	26x3	195	145	102	4-26	30x3
65	185	145	122	8-18	22x3	185	145	122	8-18	22x3	205	160	122	8-22	26x3	220	170	122	8-26	34x3
80	200	160	138	8-18	24x3	200	160	138	8-18	24x3	215	170	138	8-22	28x3	230	180	138	8-26	36x3
100	235	190	162	8-22	24x3	235	190	162	8-22	24x3	250	200	162	8-26	30x3	265	210	162	8-30	40x3
125	270	220	188	8-26	26x3	270	220	188	8-26	26x3	295	240	188	8-30	34x3	315	250	188	8-33	40x3
150	300	250	218	8-26	28x3	300	250	218	8-26	28x3	345	280	218	8-33	36x3	355	290	218	12-33	44x3
200	360	310	278	12-26	30x3	375	320	285	12-30	34x3	415	345	285	12-36	42x3	430	360	285	12-36	52x3
250	425	370	335	12-30	32x3	450	385	345	12-33	38x3	470	400	345	12-36	46x3	505	430	345	12-39	60x3
300	485	430	395	16-30	34x4	515	450	410	16-33	42x4	530	460	410	16-36	52x4	585	500	410	16-42	68x4
350	555	490	450	16-33	38x4	580	510	465	16-36	46x4	600	525	465	16-39	56x4	655	560	465	16-48	74x4
400	620	550	505	16-36	40x4	660	585	535	16-39	50x4	670	585	535	16-42	60x4	715	620	535	16-48	78x4
450	670	600	555	20-36	46x4	685	610	560	20-39	57x4	735	645	560	20-39	64x4	-	-	-	-	-
500	730	660	615	20-36	48x4	755	670	615	20-42	57x4	800	705	615	20-48	68x4	-	-	-	-	-
600	845	770	720	20-39	58x5	890	795	735	20-48	72x5	930	820	735	20-56	76x5	-	-	-	-	-
700	960	875	820	24-42	50x5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
800	1085	990	930	24-48	54x5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
900	1185	1090	1030	28-48	58x5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1000	1320	1210	1140	28-56	62x5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1200	1530	1420	1350	32-56	70x5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1400	1755	1640	1560	36-62	76x5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1600	1975	1860	1780	40-62	84x5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1800	2195	2070	1985	44-70	90x5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2000	2425	2300	2210	48-70	96x5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



外形尺寸 Dimensions

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位(Unit): mm

NPS	L	法兰尺寸 Flange size			外形尺寸 Dimensions					对夹 Pair Clamps	凸耳 Lugs
		D1	D2	Z-φd(W)	H0	H	A	B	G		
2"	43	120.7	92	4-φ19(5/8-11UNC)	65	195	50	144	180	5	6
2.5"	46	139.7	105	4-φ19(5/8-11UNC)	75	210	50	144	180	8	9
3"	48	152.4	127	4-φ19(5/8-11UNC)	105	215	50	144	180	10	11
4"	54	190.5	157	8-φ19(5/8-11UNC)	120	235	50	144	180	13	15
5"	57	216	186	8-φ22(3/4-10UNC)	130	285	63	200	300	23	25
6"	57	241.3	216	8-φ22(3/4-10UNC)	170	300	63	200	300	25	30
8"	64	298.5	270	8-φ22(3/4-10UNC)	200	340	80	230	350	33	38
10"	71	362	324	12-φ25(7/8-9UNC)	240	380	80	230	350	50	66
12"	81	431.8	381	12-φ25(7/8-9UNC)	285	425	125	260	400	67	90
14"	92	476.3	413	12-1-8UNC	320	505	125	260	400	130	140
16"	102	539.8	470	16-1-8UNC	360	510	125	260	400	140	170
18"	114	578	533	16-1 1/8-8UN	385	565	125	260	400	188	225
20"	127	635	584	20-1 1/8-8UN	410	590	160	290	500	270	287
24"	154	749.3	692	20-1 1/4-8UN	454	685	200	418	600	310	390
28"	165	863.6	800	28-1 1/4-8UN	545	755	200	418	600	430	508
32"	190	977.6	914	28-1 1/2-8UN	575	825	263	510	700	535	632
36"	203	1085.8	1022	32-1 1/2-8UN	655	960	263	510	700	708	836
40"	216	1200.2	1124	36-1 1/2-8UN	725	1015	263	510	700	1090	1286
48"	254	1422.4	1359	44-1 1/2-8UN	860	1150	333	550	800	1455	1717

注: 1.以上为API609标准设计, 法兰尺寸按照ASME B16.5、ASME B16.47A标准。若有不同的需求, 可根据需求订制。

2.受篇幅限制, 未列出规格请来电详询。

3.执行器可以是电液联动、蜗轮、气动、液动、气液联动、电动、液控装置等。