

A photograph of an industrial facility featuring a complex network of large yellow pipes and various valves. The valves have blue and red handwheels. In the background, there are industrial buildings and a clear blue sky. A large, stylized red and orange graphic element is overlaid on the bottom right of the image.

CSME 晟江

工业阀门

INDUSTRIAL VALVES



芜湖晟江航空机械有限公司
SME INDUSTRIAL CO., LTD

About SME

企业简介

上海晟江机械设备有限公司成立于2004年，是国内领先的工业流体控制技术 & 解决方案提供商。公司商务中心坐落上海浦东陆家嘴，在安徽芜湖设有生产基地，物流仓库位于上海金山，形成了“一核两翼”辐射长三角的研发、生产、销售、流通体系，构建了面向现代流体工业需要定发展格局。

自成立以来，上海晟江深耕工业流体技术赛道，持续投入研发经费，在金属加工、流体技术等方面，拥有16项产品专利，覆盖设计、制造、品控等各方面，技术水平获得业内广泛认可。公司现有员工112名、14名专业技术人员，其中专业流体工程师6人，质量品控工程师8人，汇聚了一批精研技术、爱岗敬业的优秀工匠。2022年，公司被评为国家高新技术企业，技术与人才的深厚积淀，为公司时间创新发展、更高跨越提供了强劲动力。

上海晟江拥有2万余平方米的现代化生产车间，高性能物流仓库有5600个托盘位。有四轴数控加工中心等金工设备115台，低温处理设备、压力测试、强度测试、爆破测试、超声波检测、光谱仪等专用检测设备15套，能够充分满足大批量、高精度阀门、接头等产品的研发、生产及检测需要。国内领先的生产硬件条件，让公司具备跻身行业头部的深厚实力。

公司注重通过系统化、科学化管理提升质量效益，先后获得ISO9001、ISO14000、ISO18000的体系认证，取的设备维修安全TS、CE、3A、PED等国内外产品认证。高度的正规化、信息化管理，确保了产品质量稳定、交货速度快、定制化程度高，公司经营规模和效益稳步提升，已经成为备受信赖的工业流体控制企业。

诸如公司集中力量攻关研发、拥有国家发明专利的虹吸破坏阀等特色拳头产品，广泛应用于南水北调工程沿线、长江黄河流域、大型造船企业等泵站、原水厂，发挥了不可替代的重要作用。多型号、多系列产品出口到俄罗斯、印度、中东等国家和地区，公司产品以过硬的质量、良好的服务保障享誉国内外。

上海晟江在流体技术设备领域取得的突出成绩得到合作伙伴和社会各界的高度赞誉，打造流体技术设备生产创新品牌已经成为公司上下的一致共识，“专精生产、竭诚服务、安全快捷”是晟江人矢志追求企业使命。上海晟江愿与大合作伙伴携手并进，技术报国、实业兴邦，让流体输送更加安全快捷！





Workshop

生产车间





上海晟江坚持品质为先、以效率致胜，致力打造技术领先的现代化生产线。

斥巨资引进国内领先生产设备，建成具有先进制造水平的标准化生产车间。

厂区环境井然有序，仪器设备精密高效，生产程序严密规范，工匠大师技术精湛，公司以强大的生产能力和竞争实力赢得了市场的一致好评。



Our Products

产品集锦



国标闸阀



美标铸钢闸阀



锻钢法兰闸阀



锻钢法兰闸阀



锻钢法兰闸阀



锻钢内螺纹闸阀



保温闸阀



手动刀型闸阀



低温闸阀



电动对夹式刀型闸阀



国标截止阀



锻钢法兰截止阀



锻钢截止阀



保温截止阀



德标波纹管截止阀



国标旋启式止回阀



H41型升降止回阀



美标旋启式止回阀



H42型升降止回阀



内螺纹升降式锻钢止回阀



焊接升降式锻钢止回阀



升降式锻钢止回阀



微阻缓闭止回阀



蝶阀



手柄对夹式金属硬密封蝶阀



蜗轮传动对夹式金属硬密封蝶阀



电动对夹式金属硬密封蝶阀



手动法兰式金属硬密封蝶阀



蜗轮传动法兰式金属硬密封蝶阀



电动法兰式金属硬密封蝶阀



对焊式金属密封蝶阀



电动对夹式软密封蝶阀

Our Products

产品集锦



伸缩性金属密封蝶阀



手动涡轮传动法兰式密封蝶阀



气动法兰式软密封蝶阀



电动法兰式软密封蝶阀



ANSI美标法兰连接金属硬密封蝶阀



ANSI美标对夹连接金属硬密封蝶阀



100x遥控浮球阀



200x遥控浮球阀



300x遥控浮球阀



400x遥控浮球阀



500x遥控浮球阀



JD745X多功能水泵控制阀



YX741X可调式减压稳压阀



AX742X安全泄压/持压阀



J145X电动遥控阀



CVWR型对夹式静音止回阀



静音止回阀



CVKR型静音止回阀



节能消音止回阀



H44X(SFCV)系列橡胶瓣止回阀



滑道滚球式止回阀



微阻球形止回阀



蝶式缓冲止回阀



DHH44微阻缓闭消声止回阀



DHH44微阻缓闭消声止回阀



国标、德标Y型过滤器



国标、德标T型过滤器



蓝式过滤器



国标旋塞阀



美标卡套软密封旋塞阀



美标倒装油密封压力平衡式旋塞阀



法兰连接美标提升式硬密封旋塞阀

Our Products

产品集锦



手动调节阀



电动调节阀



平衡调节阀



精小型气动薄膜单座、套筒调节阀



单座自力式压力调节阀



ZZYP自力式压力调节阀



气动常温型三通调节阀



电动中温型三通调节阀



电子式电动单座、套筒调节阀



自力式压力调节阀



电动精小型单座、套筒调节阀



电子电动式调节阀



气动中温型三通调节阀



电动常温型三通调节阀



电动三通合流、分流调节阀



气动薄膜双座调节阀



气动薄膜单座调节阀



ZAZP单座阀



弹簧微启封闭式安全阀



内螺纹升降式锻钢止回阀



弹簧全启封闭式安全阀



带扳手弹簧全启式安全阀



金属硬密封浮动球阀



美标法兰球阀



金属硬密封固定球阀



美标固定球阀



偏心半球阀



锻钢固定式球阀



V型调节球阀



旋球硬密封球阀



全口径焊接钢制球阀



Q647MF/H卸灰固定球阀

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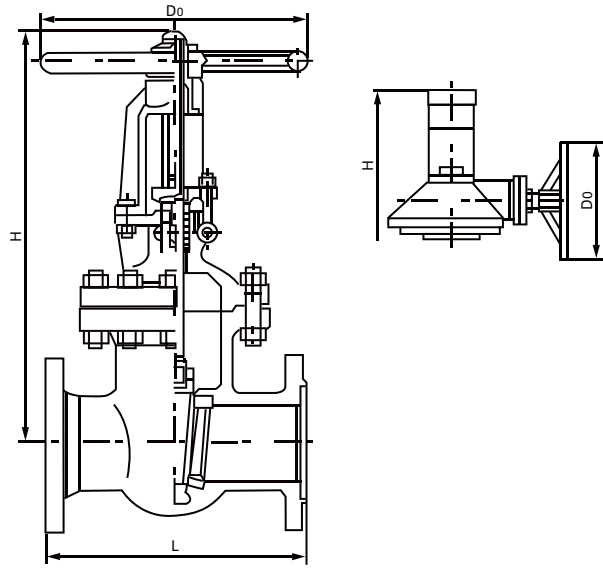
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国标闸阀

GB Gate Valve



应用规范

- 1、设计、制造按GB12234-2007
- 2、结构长度按GB12221-2005
- 3、连接法兰按JB/T79-2000
- 4、阀门检查和试验按JB/T9092-1999

Application Specification

- 1、Design manufacture according to GB12234-2007
- 2、Face to face according to GB12221-2005
- 3、End flange dimension according to JB/T79-2000
- 4、Valve inspection and test according to JB/T9092-1999

主要零件材料及用途 Main Parts Material and Application

阀体 Body	阀盖 Cover	闸板 Disc	阀座 Seat	阀杆 Stem	填料 Packing	适用温度 Applicable temperature	适用介质 Applicable medium
WCB	WCB	WCB+Stellitel12	25+D507Mo	2Cr13	柔性石墨 Flexible graphite	425°C	水、蒸汽、油品 Water、steam、oil
WC6	WC6	WC6+Stellitel12	WC6+Stellitel6	25Cr2Mo1VA		540°C	
WC9	WC9	WC9+Stellitel12	WC9+Stellitel6	25Cr2Mo1VA		570°C	
ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	PTFE编织 PTFE braiding	200°C	硝酸等腐蚀性介质 Corrosive medium like nitric acid
ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti		200°C	醋酸等腐蚀性介质 Acetic acid like nitric acid
ZG00Cr18Ni10	ZG00Cr18Ni10	ZG00Cr18Ni10	00Cr18Ni10	00Cr18Ni10		200°C	强氧化性介质 Medium with strong oxidizability
ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	00Cr17Ni14Mo2	00Cr17Ni14Mo2		200°C	尿素等腐蚀性介质 Urea like nitric acid

主要尺寸和重量 Main Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
Z40H-16C、Z540H-16C																				
L	mm	130	150	160	180	200	250	265	280	300	325	350	400	450	500	550	600	650	700	800
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	2050	2050	2181	2599
Do	mm	140	160	160	180	200	240	260	280	300	320	350	400	450	500	500	600	600	700	800
重量 Weight	kg	4	5	6	7	18	29	33	46	63	108	134	192	228	300	388	566	900	958	1410

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
Z40H-25、Z540H-25																				
L	mm	130	150	160	180	200	250	265	280	300	325	350	400	450	500	550	600	650	700	800
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	2050	2050	2181	2599
Do	mm	140	160	160	180	200	240	260	280	300	320	350	400	450	500	500	600	600	700	800
重量 Weight	kg	4	5	6	7	18	29	33.5	46.5	65	112	142	213	290	324	432	606	950	958	1510

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
Z40H-40、Z540H-40																				
L	mm	130	150	160	180	200	250	280	310	350	400	450	550	650	750	850	950	-	-	-
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	1780	2050	2181	2599
Do	mm	140	160	160	180	200	260	280	300	350	400	450	600	600	700	800	900	900	900	900
重量 Weight	kg	4	5	6	7	18	29	33	46	64	105	142	213	374	550	890	1235	-	-	-

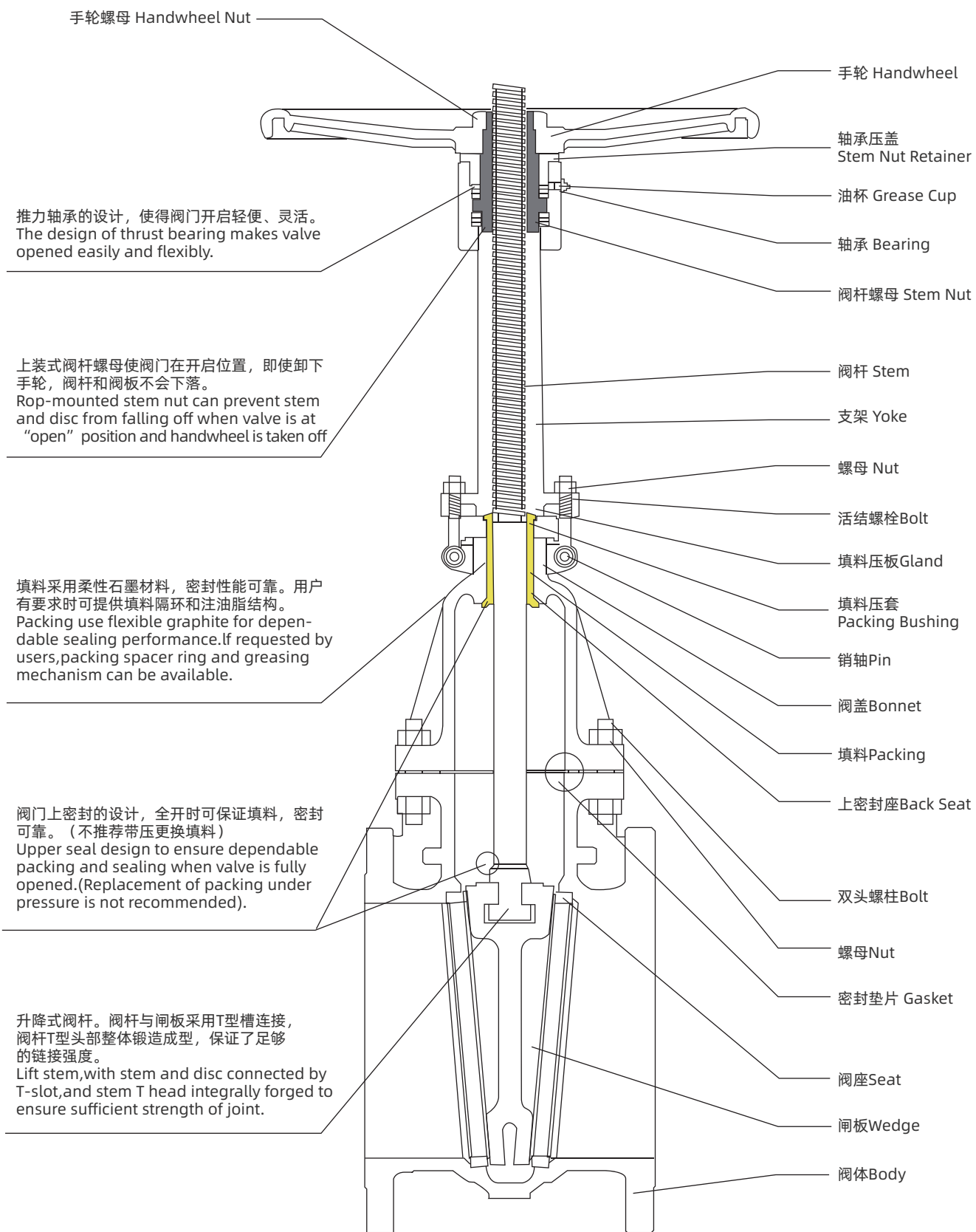
公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
Z40H-64、Z540H-64																	
L	mm	170	190	210	230	240	250	280	310	350	400	450	550	650	750	850	950
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	1780
Do	mm	160	180	200	220	240	260	280	300	350	400	450	600	600	700	800	900
重量 Weight	kg	8	9	12	25	32	40	45	61	89	140	206	327	467	590	900	1190

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
Z40H-100、Z540H-100																	
L	mm	170	190	210	230	240	250	280	310	350	400	450	550	650	-	-	-
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	1780
Do	mm	160	180	200	220	240	260	280	300	350	400	450	600	600	700	800	900
重量 Weight	kg	8	12	16	20	32	51	70	89	130	223	295	560	640	-	-	-

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
Z40H-160、Z540H-160																	
L	mm	170	190	210	230	240	300	340	390	450	525	600	750	-	-	-	-
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	1780
Do	mm	160	180	200	220	240	300	350	400	450	500	600	700	-	-	-	-
重量 Weight	kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

美标铸钢闸阀

API Cast Steel Gate Valve



美标铸钢闸阀的材料明细(ASTM标准材质)The material list of API cast steel gate valve (ASTM standard materials)

序号 NO.	零件名称 Part Name	碳钢系列 Carbon Steel	不锈钢系列 Stainless Steel	合金钢系列 Alloy Steel	低温钢系列 Low Temperature Steel
1	阀体Body	ASTM A216 GR WCB	ASTM A351 GR CFB	ASTM A217 GR WC6	ASTM A352 GR LCB
2	闸板Disc	ASTM A216 GR WCB	ASTM A351 GR CFB	ASTM A217 GR WC6	ASTM A352 GR LCB
3	阀座Seat	ASTM A105	-	ASTM A182 GR F304	ASTM 350 LF2
4	密封垫片Gasket	柔性石墨Graphite+SS304			
5	六角螺母Nut	ASTM A194 GR 2H	ASTM A194 GR 8	ASTM A194 GR 4	ASTM A194 GR 4
6	双头螺柱Stud	ASTM A193 GR B7	ASTM A193 GR B8	ASTM A193 GB B16	ASTM A320 L7
7	上密封座Back Seat	ASTM A276 410	ASTM A276 TYPE 304	ASTM A276 TYPE 304	ASTM A276 304
8	填料Packing	柔性石墨Graphite			
9	阀盖Bonnet	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A217 GR wc6	ASTM A352 GR LCB
10	销轴Pin	ASTM A194 GR 2H	ASTM A276 TPYE 304	ASTM A276 TPYE 410	ASTM A276 TYPE 304
11	填料压套Packing Bushing	ASTM A276 410	ASTM A276 TPYE 304	ASTM A276 410	ASTM A276 304
12	填料压板Gland	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A216 GR wc6	ASTM A352 GR LCB
13	活节螺栓Bolt	ASTM A193 GR B7	ASTM A193 GR B8	ASTM A193 GR B16	ASTM A320 L7
14	螺母Nut	ASTM A194 GR 2H	ASTM A193 GR 8	ASTM A193 GR 4	ASTM A194 GR 4
15	支架Yoke	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A217 GR wc6	ASTM A352 GR LCB
16	阀杆Stem	ASTM A276 TYPE 420	ASTM A276 TPYE 304	ASTM A182 GR F11	ASTM A276 TYPE 304
17	阀杆螺母Stem Nut	ASTM B148 UNS C95200	ASTM B148 UNS C95200	ASTM B148 UNS C95200	ASTM B148 UNS C95200
18	轴承Bearing	-			
19	油杯Grease cup	铜合金Cooper Alloy			
20	轴承压盖Stem Nut Retainer	ASTM 1035	ASTM 1035	ASTM 1035	ASTM 1035
21	手轮Handwheel	ASTM 32510	ASTM 32510	ASTM 32510	ASTM 32510
22	手轮螺母Handwheel Nut	ASTM 1035	ASTM 1035	ASTM 1035	ASTM 1035

技术性能规范Technical Specification

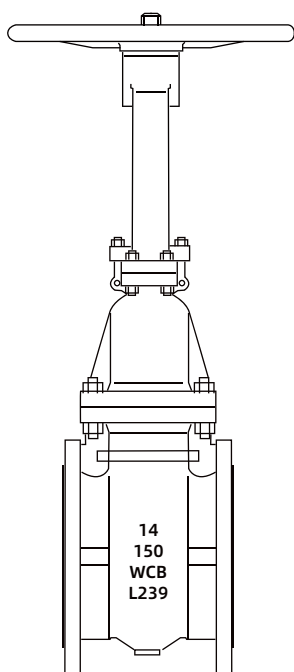
设计标准Design Standard	API600 API603							
压力温度等级Pressure-Temperature Rating	ASME B16.34							
结构长度Face to Face	ASME B16.10							
法兰形式尺寸Flange Ends	ASME B16.5、ASME B16.47							
对焊端连接Buttwelding Ends	ASME B16.25							
检验与试验Inspection & Test	API598							
公称压力Nominal Pressure (Class)	150	300	400	600	900	1500	2500	
试验压力 Test Pressure (MPa)	壳体试验Shell Test	3.0	7.5	10.3	15.0	22.5	37.5	63.0
	高压密封High Pressure Seal Test	2.2	5.5	7.5	11.0	16.5	27.5	46.2
	上密封试验	2.2	5.5	7.5	11.0	16.5	27.5	46.2
	低压密封Low Pressure Seal Test	0.6						
适用温度Applicable Temperature	-196°C~550°C(不同的工况温度选用不同材质) Different raw material for different work temperature							
适用介质Applicable Medium	水、油、气及各类腐蚀性介质(不同的介质选用不同材质) Water, oil, gas and sother causticity medium(Different raw material for different medium)							

美标铸钢闸阀

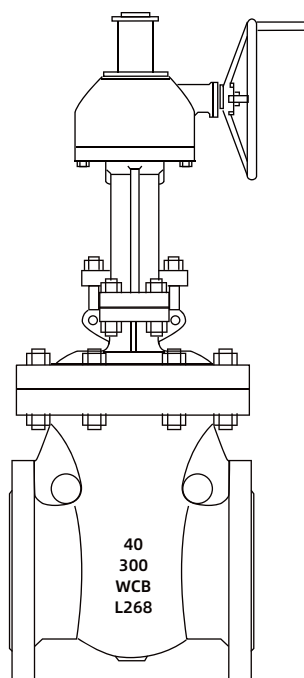
API Cast Steel Gate Valve

API铸钢闸阀供货范围API Cast steel Gate valve Product Line

规格Size (mm)		压力Pressure(Class)																
		栓接阀盖 Bolted Bonnet					自密封阀盖 Pressure Seal Bonnet											
DN	NPS	手动Handwheel					齿轮传动Gear operated				手动Hand operated				齿轮传动Gear operated			
		150	300	600	900	1500	300	600	900	1500	600	900	1500	2500	600	900	1500	2500
40	1 1/2	*	*	*	*	*												
50	2	*	*	*	*	*												
65	2 1/2	*	*	*	*	*												
80	3	*	*	*	*	*					*	*	*	*				
100	4	*	*	*	*	*					*	*	*	*				
125	5	*	*	*	*	*					*	*	*	*				
150	6	*	*	*	*	*					*	*	*	*				
200	8	*	*	*	*	*					*	*	*					*
250	10	*	*	*	*						*	*	*					*
300	12	*	*	*	*				*		*	*					*	*
350	14	*	*	*	*				*		*	*					*	*
400	16	*	*	*					*	*	*				*	*	*	*
450	18	*	*	*					*	*	*				*	*	*	*
500	20	*	*	*					*	*	*				*	*	*	*
600	24	*	*					*	*	*					*	*	*	*
650	26	*	*					*							*	*	*	*
700	28	*	*					*							*	*	*	*
750	30	*	*					*							*	*	*	*
800	32	*	*					*							*	*	*	*
900	36	*	*					*							*	*	*	*
1000	40	*						*	*									
1050	42	*						*	*									
1200	48	*						*	*									



手动Handwheel operated



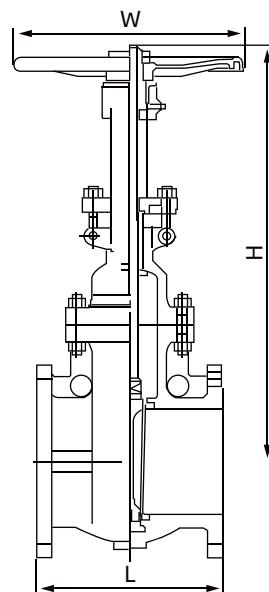
齿轮传动Gear Operated

美标铸钢闸阀

API Cast Steel Gate Valve

压力Pressure:Class150

- 栓接阀盖
- 弹性闸板
- 8" 以上采用分体式支架
- Bolted bonnet
- Flexible wedge gate
- 8" and above:split type yoke



主要外形尺寸和重量 Main Dimensions & Weight

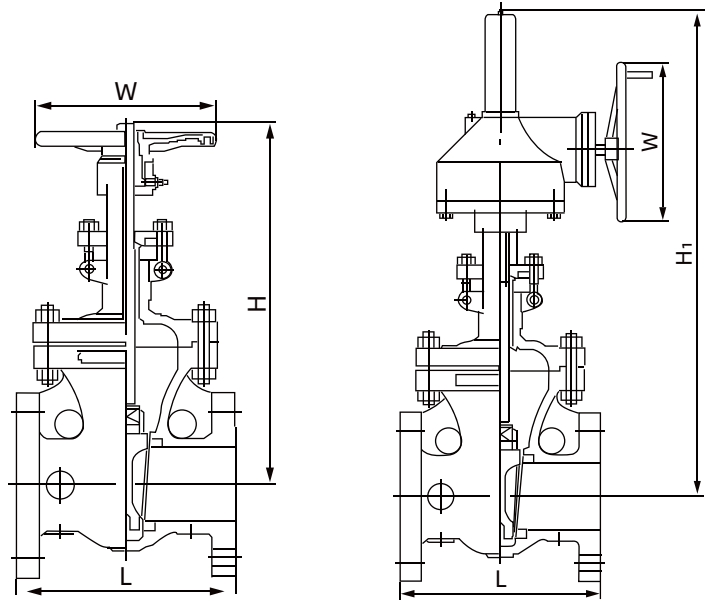
规格Size		尺寸Dimension (mm)					重量Weight (kg)		扭矩 Torque (N.m)	Cv
mm	in	LRf	LBW	LRj	H	W	RF	BW		
Class 150										
40	1 1/2	165	165	178	386	250	24	21	12	-
50	2	178	216	190	391	250	27	23	33	-
65	2 1/2	190	241	203	408	250	37	33	13	-
80	3	203	283	216	457	250	40	35	15	710
100	4	229	305	241	538	250	52	47	27	1300
150	6	267	403	279	693	350	90	84	36	3100
200	8	292	419	305	863	350	145	137	63	5720
250	10	330	457	343	1036	450	225	207	84	8940
300	12	356	502	368	1130	450	310	253	131	13350
350	14	381	572	394	1272	610	445	376	151	16275
400	16	406	610	419	1447	610	540	440	235	21560
450	18	432	660	445	1701	720	800	722	285	28720
500	20	457	711	470	1795	720	990	863	341	35760
600	24	508	813	521	2189	720	1600	1519	602	52165
650	26	559	864	-	2387	860	1850	1755	-	63500
700	28	610	914	-	2590	860	2100	1995	-	74800
750	30	610	914	622	2819	860	2700	2404	1079	86235
800	32	711	965	-	2870	860	3100	2840	-	103000
900	36	711	1016	724	2997	860	3950	3690	1497	129500
1000	40	813	1067	-	3302	1020	4650	-	-	175860
1050	42	813	1143	-	3479	1020	5100	-	-	223300
1200	48	1067	1371	-	3962	1020	6500	-	-	335500

美标铸钢闸阀

API Cast Steel Gate Valve

压力Pressure:Class300

- 栓接阀盖
- 弹性闸板
- 8" 以上采用分体式支架
40" 以上采用齿轮传动
- Bolted bonnet
- Flexible wedge gate
- 8" and above:split type yoke
24" and above:Gear operated



主要外形尺寸和重量 Main Dimensions & Weight

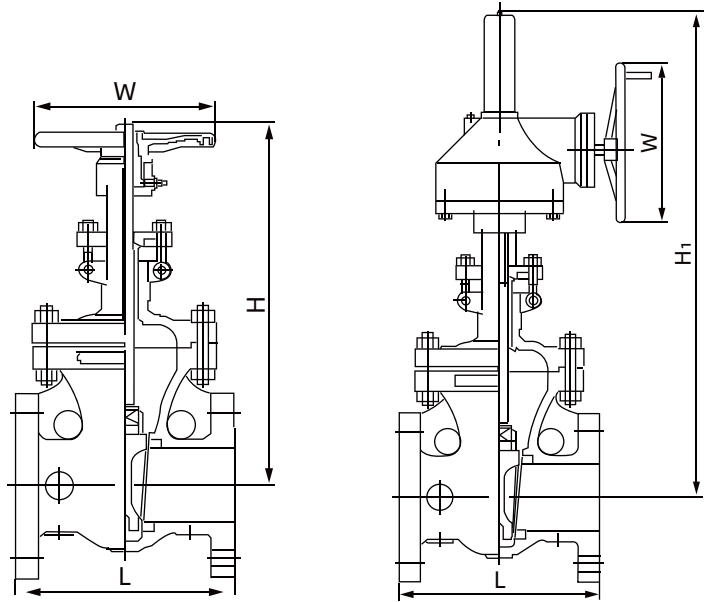
规格Size		尺寸Dimension (mm)						重量Weight (kg)		扭矩 Torque (N.m)	Cv
mm	in	LRF	Lbw	LRJ	H	H1	W	RF	BW		
Class 300											
40	1 1/2	190	190	203	425	-	250	30	28	15	-
50	2	216	216	232	467	-	250	32	29	16	-
65	2 1/2	241	241	257	495	-	250	49	43	18	-
80	3	283	283	299	520	-	250	52	49	21	710
100	4	305	305	321	609	-	350	85	77	42	1300
150	6	403	403	419	825	-	450	150	145	86	3110
200	8	419	419	435	1009	-	450	240	227	128	5720
250	10	457	457	473	1193	-	610	380	337	215	8940
300	12	502	502	518	1282	-	610	486	430	289	13350
350	14	762	762	778	1422	-	610	729	654	423	16275
400	16	838	838	854	1549	-	720	931	876	537	21560
450	18	914	914	930	1803	-	720	1504	1300	649	27890
500	20	991	991	1010	1955	-	720	1938	1625	1009	34840
600	24	1143	1143	1165	2425	-	860	3411	2800	1451	51050
650	26	1245	1245	1270	2540	-	860	3570	3100	-	62011
700	28	1346	1346	1372	2641	-	860	4027	3600	-	73046
750	30	1397	1397	1422	2743	-	860	4310	3780	3140	84765
800	32	1524	1524	1553	2857	-	860	4850	4235	-	100580
900	36	1727	1727	1756	3048	-	860	6632	5900	4293	125825
1000	40	1955	1955	-	-	3713	720	8100	-	-	171740
1050	42	2032	2032	-	-	3816	720	9750	-	-	217000
1200	48	2286	2286	-	-	4501	720	13050	-	-	326000

美标铸钢闸阀

API Cast Steel Gate Valve

压力Pressure:Class600

- 栓接阀盖
- 弹性闸板
- 8" 以上采用分体式支架
40" 以上采用齿轮传动
- Bolted bonnet
- Flexible wedge gate
- 8" and above:split type yoke
24" and above:Gear operated



主要外形尺寸和重量 Main Dimensions & Weight

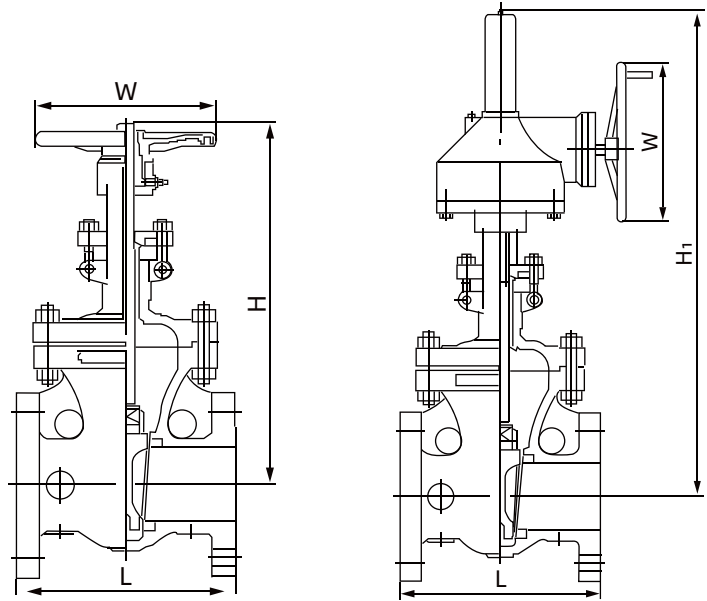
规格Size		尺寸Dimension (mm)						重量Weight (kg)		扭矩 Torque (N.m)	Cv
mm	in	L _{RF}	L _{BW}	L _{RJ}	H	H1	W	RF	BW		
Class 600											
40	1 1/2	241	241	241	375	-	250	41	28	20	-
50	2	292	292	295	387	-	250	50	39	23	-
65	2 1/2	330	330	333	483	-	250	54	53	-	-
80	3	356	356	359	537	-	350	85	67	50	710
100	4	432	432	435	647	-	350	126	101	68	1300
150	6	559	559	562	914	-	610	274	230	183	3100
200	8	660	660	664	1092	-	610	454	390	270	5500
250	10	787	787	791	1181	-	720	628	566	479	8485
300	12	838	838	841	1333	-	720	895	823	650	12850
350	14	889	889	892	1473	-	720	1350	1198	988	15370
400	16	991	991	994	1651	-	860	1700	1532	1243	20170
450	18	1092	1092	1095	1727	-	860	2140	1996	1512	26200
500	20	1194	1194	1200	2019	-	860	2683	2450	2185	32100
600	24	1397	1397	1407	-	2383	610	4550	3244	3053	46750
650	26	1448	1448	1461	-	2500	610	5260	-	-	56300
700	28	1549	1549	1562	-	2663	610	5960	-	-	65900
750	30	1651	1651	1664	-	2840	610	6700	6160	5452	75520
800	32	1778	1778	1794	-	3100	720	8312	-	-	85180
900	36	2083	2083	2099	-	3450	720	10125	9580	7675	114250
1000	40	2143	2143	-	-	3600	720	14300	-	-	156127
1050	42	2260	2260	-	-	3950	720	16460	-	-	197272
1200	48	2667	2667	-	-	4600	720	22900	-	-	296300

美标铸钢闸阀

API Cast Steel Gate Valve

压力Pressure: Class 900~1500

- 栓接阀盖
- 弹性闸板
- 8" 以上采用分体式支架
- Class 900, 16" 以上采用齿轮传动
Class 1500, 12" 以上采用齿轮传动
- Bolted bonnet
- Flexible wedge gate
- 8" and above: split type yoke
- Class 900, 16" and above
Class 1500, 12" and above
Gear operated



主要外形尺寸和重量 Main Dimensions & Weight

规格Size		尺寸Dimension (mm)						重量Weight (kg)		扭矩Torque (N.m)	Cv
mm	in	L _{RF}	L _{BW}	L _{RJ}	H	H ₁	W	RF	BW		
Class 900											
40	1 1/2	305	305	305	495	-	250	62	45	24	-
50	2	368	368	371	523	-	250	116	98	39	-
65	2 1/2	419	419	422	577	-	350	161	130	56	-
80	3	381	381	384	609	-	350	142	136	64	650
100	4	457	457	460	673	-	350	214	180	118	1200
150	6	610	610	613	863	-	610	408	405	243	2850
200	8	737	737	740	1079	-	610	731	644	427	5025
250	10	838	838	841	1231	-	720	1151	1010	783	7850
300	12	965	965	968	1384	-	720	1724	1455	1163	11500
350	14	1029	1029	1038	1574	-	850	2060	1807	1331	13900
400	16	1130	1130	1140	-	2159	760	2400	-	-	18150
450	18	1219	1219	1232	-	2362	760	3000	-	-	23910
500	20	1321	1321	1334	-	2463	760	3800	-	-	29550
600	24	1549	1549	1568	-	3048	900	4900	-	-	42570
Class 1500											
40	1 1/2	305	305	305	495	-	250	62	45	32	-
50	2	368	368	371	582	-	250	116	98	54	-
65	2 1/2	419	419	422	635	-	350	161	130	76	-
80	3	470	470	473	781	-	350	209	193	108	600
100	4	546	546	549	876	-	450	296	250	167	1070
150	6	705	705	711	1104	-	610	720	652	426	2500
200	8	832	832	841	1142	-	720	1275	1134	801	4370
250	10	991	991	1000	1784	-	860	2092	1765	1268	6850
300	12	1130	1130	1146	-	1955	760	2951	2386	2078	9980
350	14	1257	1257	1276	-	2057	760	4382	3759	2392	12000
400	16	1384	1384	1407	-	2311	760	5043	-	-	15675
450	18	1537	1537	1559	-	2438	860	5705	-	-	20640
500	20	1664	1664	1686	-	2590	860	6750	-	-	25880
600	24	1943	1943	1972	-	2946	860	9500	-	-	37175

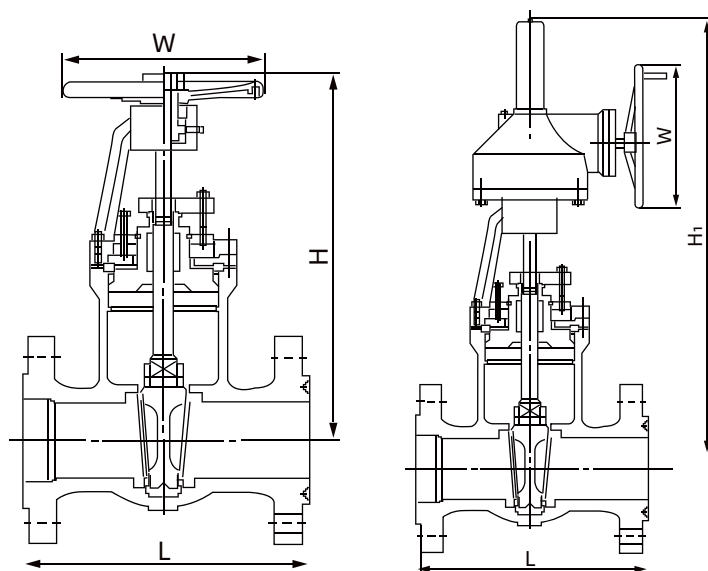
美标铸钢闸阀

API Cast Steel Gate Valve

压力Pressure:Class600~900

- 压力密封阀盖
- 弹性闸板
- Class600,24" 以上采用齿轮传动
Class600,16" 以上采用齿轮传动

- Pressure sealed bonnet
- Flexible wedge gate
- Class600,24" and above;
Class600,16" and above;
Gear operated



主要外形尺寸和重量 Main Dimensions & Weight

规格Size		尺寸Dimension (mm)						重量Weight (kg)		扭矩 Torque (N.m)	Cv
mm	in	LRF	LBW	LRJ	H	H1	W	RF	BW		
Class 600											
80	3	356	254	359	609	-	250	68	54	29	710
100	4	432	305	435	762	-	350	112	84	50	1300
150	6	559	457	562	863	-	450	209	169	129	3110
200	8	660	584	664	1092	-	610	315	245	232	5500
250	10	787	711	791	1168	-	720	529	429	379	8485
300	12	838	812	841	1270	-	720	775	615	550	12850
350	14	889	889	892	1447	-	720	1210	960	-	15370
400	16	991	991	994	1651	-	860	1600	1200	-	20170
450	18	1092	1092	1095	1727	-	860	1895	1435	-	26200
500	20	1194	1194	1200	1981	-	860	2356	1794	-	32100
600	24	1397	1397	1407	-	2308	610	4300	3600	-	46750
650	26	1448	1448	1461	-	2500	610	4800	4070	-	56300
700	28	1549	1549	1562	-	2750	610	5600	4770	-	65900
750	30	1651	1651	1664	-	2840	610	6350	5410	-	75520
800	32	1778	1778	1794	-	3150	720	7890	6840	-	85180
900	36	2083	2083	2099	-	3400	720	9112	7802	-	114250
Class 900											
80	3	381	305	384	584	-	350	95	77	40	450
100	4	457	356	460	711	-	350	130	101	71	850
150	6	610	508	613	863	-	610	280	245	174	1925
200	8	737	660	740	1016	-	610	460	341	319	3575
250	10	838	787	841	1181	-	720	820	640	530	5250
300	12	965	914	968	1320	-	720	1150	930	740	7550
350	14	1029	991	1038	1568	-	850	1500	1298	1008	9150
400	16	1130	1092	1140	-	2159	760	2100	1855	1400	11950
450	18	1219	1219	1232	-	2381	760	2750	2340	1696	15575
500	20	1321	1321	1334	-	2451	760	3400	2800	2302	27675
600	24	1549	1549	1568	-	2971	900	4400	3420	4224	-
650	26	1574	1574	-	-	3352	900	5500	4270	-	-
700	28	1663	1663	-	-	3695	900	6900	5454	-	-
750	30	1778	1778	-	-	4000	900	9000	7392	-	-
800	32	1854	1854	-	-	4165	900	11000	9042	-	-
900	36	2032	2032	-	-	4597	900	13500	10874	-	-

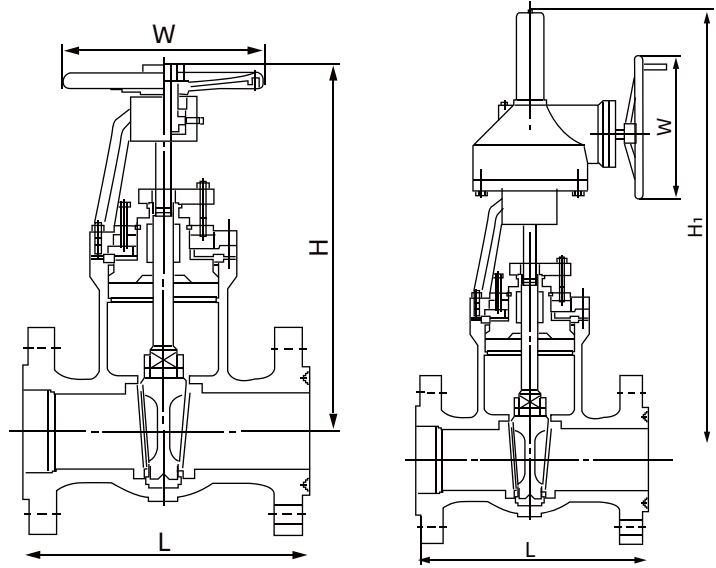
美标铸钢闸阀

API Cast Steel Gate Valve

压力Pressure: Class 1500~2500

- 压力密封阀盖
- 弹性闸板
- Class 1500, 12" 以上采用齿轮传动
Class 2500, 8" 以上采用齿轮传动

- Pressure sealed bonnet
- Flexible wedge gate
- Class 1500, 12" and above
Class 2500, 8" and above
Gear operated



主要外形尺寸和重量 Main Dimensions & Weight

规格Size		尺寸Dimension (mm)						重量Weight (kg)		扭矩Torque (N.m)	Cv
mm	in	L _{RF}	L _{BW}	L _{RJ}	H	H ₁	W	RF	BW		
Class 1500											
80	3	470	305	473	660	-	350	148	110	69	415
100	4	546	406	549	736	-	450	236	180	111	730
150	6	705	559	711	914	-	610	481	370	307	1675
200	8	832	771	841	1244	-	720	810	610	537	2925
250	10	991	864	1000	1485	-	860	1680	1300	948	4550
300	12	1130	991	1146	-	1905	760	2565	2000	1409	6570
350	14	1257	1067	1276	-	1981	760	3260	2900	1823	7890
400	16	1384	1194	1407	-	2108	760	4540	3490	2516	10325
450	18	1537	1346	1559	-	2209	860	5225	4000	3767	13425
500	20	1664	1473	1686	-	2387	860	6310	4800	5283	16820
600	24	1943	1943	1972	-	2794	860	9050	7500	8228	24150
650	26	2033	2033	-	-	3098	1020	9934	8900	-	-
700	28	2209	2209	-	-	3403	1020	11174	10000	-	-
750	30	2286	2286	-	-	3746	1020	14852	13500	-	-
800	32	2413	2413	-	-	3048	-	17443	16000	-	-
900	36	2565	2565	-	-	3251	-	21246	18900	-	-
Class 2500											
80	3	-	368	-	596	-	450	-	135	110	275
100	4	-	457	-	698	-	610	-	215	194	460
150	6	-	610	-	876	-	610	-	550	381	1100
200	8	-	762	-	-	1043	610	-	900	727	1970
250	10	-	914	-	-	1170	860	-	1600	1398	3130
300	12	-	1041	-	-	1322	860	-	2300	1980	4535
350	14	-	1118	-	-	1379	1020	-	3200	2593	5500
400	16	-	1245	-	-	1481	1020	-	4100	3952	7210
450	18	-	1397	-	-	1651	1020	-	5200	5735	9415
500	20	-	1397	-	-	1811	1020	-	6800	7804	11450
600	24	-	1625	-	-	1905	-	-	9500	11798	16575
650	26	-	1778	-	-	2032	-	-	11000	-	-
700	28	-	1905	-	-	2108	-	-	13100	-	-
750	30	-	2032	-	-	2362	-	-	17200	-	-
800	32	-	2184	-	-	2463	-	-	19300	-	-
900	36	-	2413	-	-	3063	-	-	25000	-	-

美标铸钢闸阀

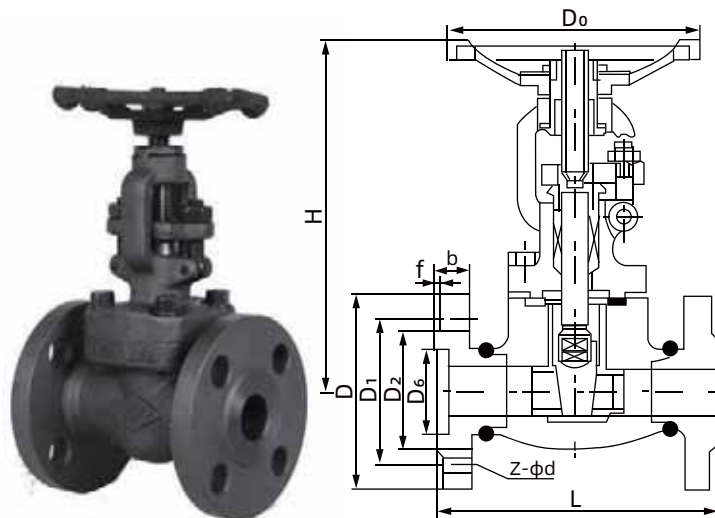
API Cast Steel Gate Valve

应用规范

- 1、设计、制造按GB12234-2007
- 2、结构长度按GB12221
- 3、连接法兰按JB/T79
- 4、阀门检查和试验按API598
- 5、结构特征：B.B:OS&Y
- 6、主体材料：A105,F5,F11,F22,304,304L,316,316L,LF2等

Application Specification

- 1、Design manufacture according to GB12234-2007
- 2、Face to face according to GB 12221
- 3、End flange dimension according to JB/79
- 4、Valve inspection and test according to API 598
- 5、Structure：B.B:OS&Y
- 6、Material：A105,F5,F11,F22,304,304L,316,316L,LF2 etc



主要外形尺寸和重量 Main Dimensions & Weight

公称通径 Nominal diameter	尺寸Dimension (mm)								重量 Weight (kg)
	L	D	D1	D2	Z-φd	b-f	H	Do	
Z41H-16C									
10	130	90	60	40	4-14	14-2	148	100	-
15	130	95	65	45	4-14	14-2	151	100	-
20	150	105	75	55	4-14	14-2	182	100	-
25	160	115	85	65	4-14	14-2	197	125	-
32	180	135	100	78	4-18	16-2	201	160	-
40	200	145	110	85	4-18	16-2	227	160	-
50	250	160	125	100	4-18	16-2	253	180	-
Z41H-25									
10	130	90	60	40	4-14	16-2	148	100	-
15	130	95	65	45	4-14	16-2	151	100	-
20	150	105	75	55	4-14	16-2	182	100	-
25	160	115	85	65	4-14	16-2	197	125	-
32	180	135	100	78	4-18	18-2	201	160	-
40	200	145	110	85	4-18	18-2	227	160	-
50	250	160	125	100	4-18	20-2	253	180	-

公称通径 Nominal diameter	尺寸Dimension (mm)								重量 Weight (kg)	
	L	D	D1	D2	D6	Z-φd	b-f	H		Do
Z41H-40										
10	130	90	60	40	35	4-14	16-2	148	100	-
15	130	95	65	45	40	4-14	16-2	151	100	-
20	150	105	75	55	51	4-14	16-2	182	100	-
25	160	115	85	65	58	4-14	16-2	197	125	-
32	180	135	100	78	66	4-18	18-2	201	160	-
40	200	145	110	85	76	4-18	18-2	227	160	-
50	250	160	125	100	88	4-18	20-2	253	180	-

锻钢法兰闸阀

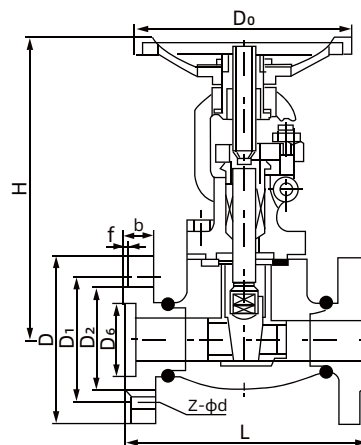
Forged Steel Flange Gate Valve

应用规范

- 1、设计、制造按GB12234-2007
- 2、结构长度按GB12221-2005
- 3、连接法兰按JB/T79-2005
- 4、阀门检查和试验按JB/T9092-1999

Application Specification

- 1、Design manufacture according to GB12234-2007
- 2、Face to face according to GB 12221-2005
- 3、End flange dimension according to JB/79-2005
- 4、Valve inspection and test according to JB/T9092-1999



主要外形尺寸和重量 Main Dimensions & Weight

公称通径 Nominal diameter	尺寸Dimension (mm)									重量 Weight (kg)
	L	D	D1	D2	D6	Z-φd	b-f	H	D0	
Z41H-64										
10	170	100	70	50	35	4-14	18-2	148	100	-
15	170	105	75	55	40	4-14	18-2	182	100	-
20	190	125	90	68	51	4-18	20-2	197	125	-
25	210	135	100	78	58	4-18	22-2	201	160	-
32	230	150	110	82	66	4-23	24-2	227	160	-
40	240	165	125	95	76	4-23	24-3	253	160	-
50	250	175	135	105	88	4-23	26-3	260	180	-

主要外形尺寸和重量 Main Dimensions & Weight

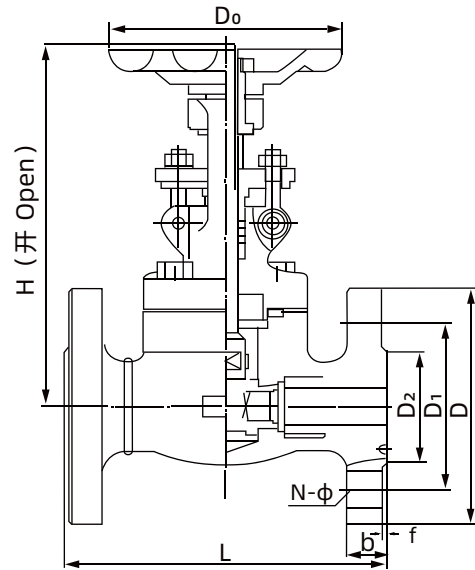
公称通径 Nominal diameter	尺寸Dimension (mm)									重量 Weight (kg)
	L	D	D1	D2	D6	Z-φd	b-f	H	D0	
Z41H-100										
10	170	100	70	50	35	4-14	20-2	148	100	-
15	170	105	75	55	40	4-14	20-2	182	100	-
20	190	125	90	68	51	4-18	22-2	197	125	-
25	210	135	100	78	58	4-18	24-2	201	160	-
32	230	150	110	82	66	4-23	24-2	227	160	-
40	240	165	125	95	76	4-23	26-2	253	180	-
50	250	195	145	112	88	4-23	28-3	260	180	-

主要外形尺寸和重量 Main Dimensions & Weight

公称通径 Nominal diameter	尺寸Dimension (mm)									重量 Weight (kg)
	L	D	D1	D2	D6	Z-φd	b-f	H	D0	
Z41H-160										
15	170	110	75	52	40	4-18	24-2	182	100	-
20	190	130	90	62	51	4-23	26-2	197	125	-
25	210	140	100	72	58	4-23	28-2	201	160	-
32	230	165	115	85	66	4-25	30-2	228	160	-
40	260	175	125	92	76	4-27	32-3	253	180	-
50	300	215	165	132	88	4-25	36-3	260	180	-

锻钢法兰闸阀

Forged Steel Flange Gate Valve



应用规范

- 1、设计、制造按ANSI B16.34;API 600;API 602
- 2、结构长度按ANSI B16.10
- 3、连接端法兰尺寸：150/300和600磅级按ANSI B16.5
- 4、阀门检查和试验按API 598
- 5、结构特征：(1) B.B:OS & Y或W.B;OS & Y
(2)缩径 (R.P) 或全径 (F.P)
- 6、材料：按ANSI/ASTM的规定
- 7、主体材料：A105,F5,F11,F22,304,304L,316,316L,LF2等

Application Specification

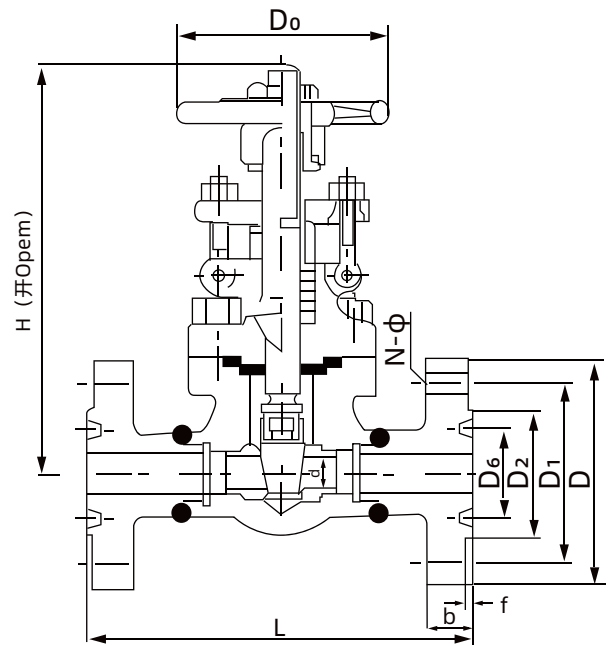
- 1、Design manufacture according to ANSI B16.34;API 600;API 602
- 2、Face to face according to ANSI B16.10
- 3、End flange dimension 150/300Lb and 600 according to ANSI B16.5
- 4、Valve inspection and test according to API 598
- 5、Structure: (1)B.B:OS & Y or W.B;OS & Y
(2)Reduced-bore pipe(R.P) or full-bore pipe (F.P)
- 6、Material: according to ANSI/ASTM
- 7、Main material: A105,F5,F11,F22,304,304L,316,316L,LF2 etc

主要外形尺寸和重量 Main Dimensions & Weight

规格Spec		压力磅级 Pressure grade	L	H (开 Open)		D ₀		D2	D1	D	b	f	N-φ	重量Weight (kg)	
英制(in)	公制(mm)			缩径 peduced bore	全径 Full bore	缩径 peduced bore	全径 Full bore							缩径 peduced bore	全径 Full bore
Z41H-16C															
1/2	15	150	108	166	169	100	100	35	60.3	89	10	1.6	4-15	4.5	5
		300	140					35	66.7	95	14.5	1.6	4-16	4.8	5.2
		600	165					35	66.7	95	14.5	6.4	4-15	5.9	5.9
3/4	20	150	117	169	193	100	125	43	69.9	98	10.5	1.6	4-15	5.2	6.1
		300	152					43	82.6	117	16	1.6	4-19	6.2	6.3
		600	190					43	82.6	118	16	6.4	4-19	7.1	7.5
1	25	150	127	193	230	125	160	51	79.4	108	11.5	1.6	4-15	8.2	8.4
		300	165					51	88.9	124	18	1.6	4-19	9.3	10.2
		600	216					51	88.9	124	18	6.4	4-19	10.4	14.3
1 1/4	32	150	140	230	246	160	160	64	88.9	117	13	1.6	4-15	11.5	14.3
		300	178					64	98.4	133	19.5	1.6	4-19	14	14.5
		600	229					64	98.4	133	21	6.4	4-19	16.2	16.7
1 1/2	40	150	165	246	283	160	180	73	98.4	127	14.5	1.6	4-15	12.5	15.4
		300	190					73	114.3	156	21	1.6	4-22	15.5	15.6
		600	241					73	114.3	156	22.5	6.4	4-22	17.5	17.4
	50	150	178	283	330	180	200	92	120.7	152	16	1.6	4-19	20.3	22.7
		300	216					92	127.0	165	22.5	1.6	4-19	23.4	22.8
		600	292					92	127.0	165	25.5	6.4	4-19	28.3	28.7

锻钢法兰闸阀

Forged Steel Flange Gate Valve



应用规范

- 1、设计、制造按ANSI B16.34;API 600;API 602
- 2、结构长度按ANSI B16.10
- 3、连接端法兰尺寸：按ANSI B16.5 (RF) (RJ)
- 4、阀门检查和试验按API 598
- 5、结构特征：B.B:OS & Y或W.B;OS & Y
- 6、材料：按ANSI/ASTM的规定
- 7、主体材料：A105,F5,F11,F22,304,304L,316,316L,LF2等

Application Specification

- 1、Design manufacture according to ANSI B16.34;API 600;API 602
- 2、Face to face according to ANSI B16.10
- 3、End flange dimension according to ANSI B16.5(RF)(RJ)
- 4、Valve inspection and test according to API 598
- 5、Structure:B.B:OS & Y or W.B;OS & Y
- 6、Material: according to ANSI/ASTM
- 7、Main material: A105,F5,F11,F22,304,304L,316,316L,LF2 etc

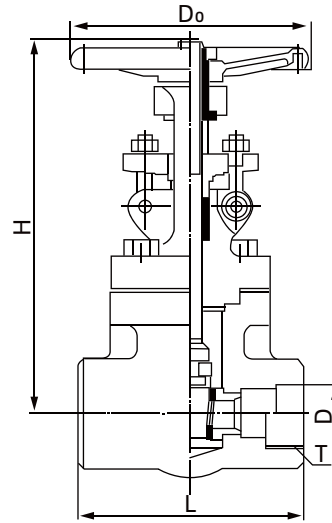
主要外形尺寸和重量 Main Dimensions & Weight

规格Spec		L	H (开 Open)	D ₀	D ₆	D ₂	D ₁	D	b	f	N-φ	重量Weight (kg)
英制(in)	公制(mm)											
Z41H-900LB												
1/2	15	216	197	125	39.67	60.5	82.5	120	22.5	6.35	4-22	7.2
3/4	20	229	197	125	44.45	66.5	89	130	25.5	6.35	4-22	11.5
1	25	254	224	160	50.80	71.5	101.5	150	29.5	6.35	4-26	15.6
1 1/4	32	279	237	160	60.33	81	111.1	159	29.5	6.35	4-26	16.2
1 1/2	40	305	276	180	68.27	92	124	180	32.0	6.35	4-30	22.5
2	50	368	320	200	95.25	124	165.1	216	38.5	7.92	8-26	28

规格Spec		L	H (开 Open)	D ₀	D ₆	D ₂	D ₁	D	b	f	N-φ	重量Weight (kg)
英制(in)	公制(mm)											
Z41H-2500LB												
1/2	15	263.5	321	180	42.88	65.0	89	133.4	30.2	6.35	4-22	16.7
3/4	20	273.1	321	180	50.80	73.0	95.3	140	32	6.35	4-22	17
1	25	308	321	180	60.33	82.5	108	158.8	35	6.35	4-26	21.3
1 1/4	32	349	373	203	72.23	102	120	170	40	7.92	4-26	24.5
1 1/2	40	384.2	406.3	203	82.55	114	146	203.2	44.5	7.92	4-32	30.8
2	50	451	195.3	302	101.60	133	171	235	50.8	7.92	8-29	40.5

锻钢内螺纹闸阀

Forged Steel Female Thread Gate Valve



应用规范

- 1、设计、制造按ANSI B16.34;API 600;API 602
- 2、连接端尺寸：(1)承插孔尺寸按ANSI B16.11, JIS B2306
(2)螺纹端尺寸按ANSI B1.20,ISO7/1,JIS B0203
- 3、阀门检查和试验按API 598
- 4、结构特征：(1) B.B:OS & Y或W.B;OS & Y
- 5、材料：按ANSI/ASTM的规定
- 6、主体材料：A105,F5,F11,F22,304,304L,316,316L,LF2等

Application Specification

- 1、Design manufacture according to ANSI B16.34;API 600;API 602
- 2、Dimensions of connection end:
(1)Socket bore dimensions to ANSI B16.11,JIS B2306
(2)End of thread dimensions to ANSI B1.20,ISO7/1,JIS B0203
- 3、Valve inspection and test according to API 598
- 4、Structure: (1)B.B:OS & Y or W.B;OS & Y
- 6、Material: according to ANSI/ASTM
- 7、Main material: A105,F5,F11,F22,304,304L,316,316L,LF2 etc

主要外形尺寸和重量 Main Dimensions & Weight

规格Spec				D				L	T(in)				D ₀	H (开Open)	重量Weight (kg)	
英制(in)		公制(mm)		ANSI		JIS			ANSI牙形60°		JIS/ISO/BS牙形55°				缩径 peduced bore	全径 Full bore
缩径 peduced bore	全径 Full bore	缩径 peduced bore	全径 Full bore	缩径 peduced bore	全径 Full bore	缩径 peduced bore	全径 Full bore		缩径 peduced bore	全径 Full bore	缩径 peduced bore	全径 Full bore				
Z61H-150Lb~800Lb/Z11H-150Lb~800Lb																
1/4	-	8	-	14.2	-	14.3	-	79	1/4	-	1/4	-	100	169	2.2	-
3/8	1/4	10	8	17.6	14.2	17.9	14.3	79	3/8	1/4	3/8	1/4	100	169	2.2	2.4
1/2	3/8	15	10	21.8	17.6	22.2	17.9	79	1/2	3/8	1/2	3/8	100	169	2.2	2.4
3/4	1/2	20	15	27.1	21.8	27.7	22.2	92	3/4	1/2	3/4	1/2	100	182	2.2	2.6
1	3/4	25	20	33.8	27.1	34.5	27.7	111	1	3/4	1	3/4	125	208	4.6	4.8
1 1/4	1	32	25	42.6	33.8	43.2	34.5	120	1 1/4	1	1 1/4	1	160	254	5.9	6.1
1 1/2	1 1/4	40	32	48.7	42.6	49.1	43.2	120	1 1/2	1 1/4	1 1/2	1 1/4	160	290	6.9	7.2
2	1 1/2	50	40	61.1	48.7	61.1	49.1	140	2	1 1/2	2	1 1/2	180	330	11.1	11.2
-	2	-	50	-	61.1	-	61.1	178	-	2	-	2	200	372	-	14.1

规格Spec		D		L	ANSI	ISO/BS	JIS	D ₀	H (开Open)	重量Weight (kg)
英制(in)	公制(mm)	ANSI	JIS		NPT牙形60°	RC牙形55°	RC牙形55°			
Z61H-900Lb~1500Lb/Z11H-900Lb~1500Lb										
1/4	8	14.2	14.3	79	1/4	1/4	1/4	100	166	2.19
3/8	10	17.6	17.9	79	3/8	3/8	3/8	100	166	2.17
1/2	15	21.8	22.2	92	1/2	1/2	1/2	100	169	2.2
3/4	20	27.1	27.7	111	3/4	3/4	3/4	125	193	4.3
1	25	33.8	34.5	120	1	1	1	160	230	5.9
1 1/4	32	42.6	43.2	120	1 1/4	1 1/4	1 1/4	160	246	6.9
1 1/2	40	48.7	49.1	140	1 1/2	1 1/2	1 1/2	180	283	11.1
2	50	61.1	61.1	178	2	2	2	200	330	15.2

保温闸阀

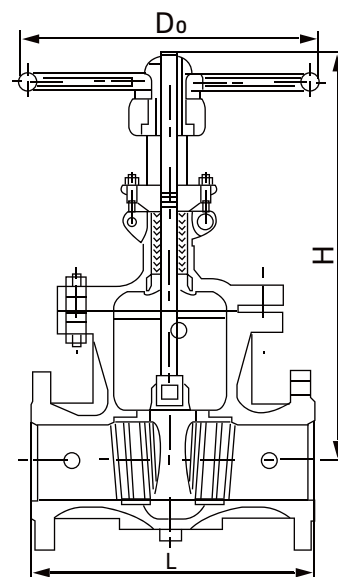
Jacket Gate Valve

应用规范

- 1、设计制造按GB12234-2007
- 2、结构长度按GB12221-2005
- 3、连接法兰按JB/T79-2005
- 4、阀门检查和试验按JB/T9092-1999

Application Specification

- 1、Design manufacture according to GB12234-2007
- 2、Face to face according to GB12221-2005
- 3、End flange dimension according to JB/T79-2005
- 4、Valve inspection and test according to JB/T9092-1999



主要零件材料及用途 Main Parts Material and Application

阀体 Body	阀盖 Cover	闸板 Disc	阀座 Seat	阀杆 Stem	填料 Packing	适用温度 Applicable temperature	适用介质 Applicable medium
WCB	WCB	WCB+Stellite12	25+D507Mo	2Cr13	柔性石墨 Flexible graphite	425°C	水、蒸汽、油品 Water, steam, oil
ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	PTFE编织 PTFE braiding	200°C	硝酸等腐蚀性介质 Corrosive medium like nitric acid
ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti		200°C	醋酸等腐蚀性介质 Acetic acid like nitric acid
ZG00Cr18Ni10	ZG00Cr18Ni10	ZG00Cr18Ni10	00Cr18Ni10	00Cr18Ni10		200°C	强氧化性介质 Medium with strong oxidizability
ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	00Cr17Ni14Mo2	00Cr17Ni14Mo2		200°C	尿素等腐蚀性介质 Urea like nitric acid

主要尺寸和重量 Main Dimensions and Weight

公称通径 Nominal diameter	DN	40	50	65	80	100	125	150	200	250	300
BZ40H-16C											
L	mm	200	250	265	280	300	325	350	400	450	500
H	mm	310	358	373	435	500	614	674	818	969	1145
Do	mm	200	240	260	280	300	320	350	400	450	500
重量 Weight	kg	18	29	33	46	63	108	134	192	228	300

主要尺寸和重量 Main Dimensions and Weight

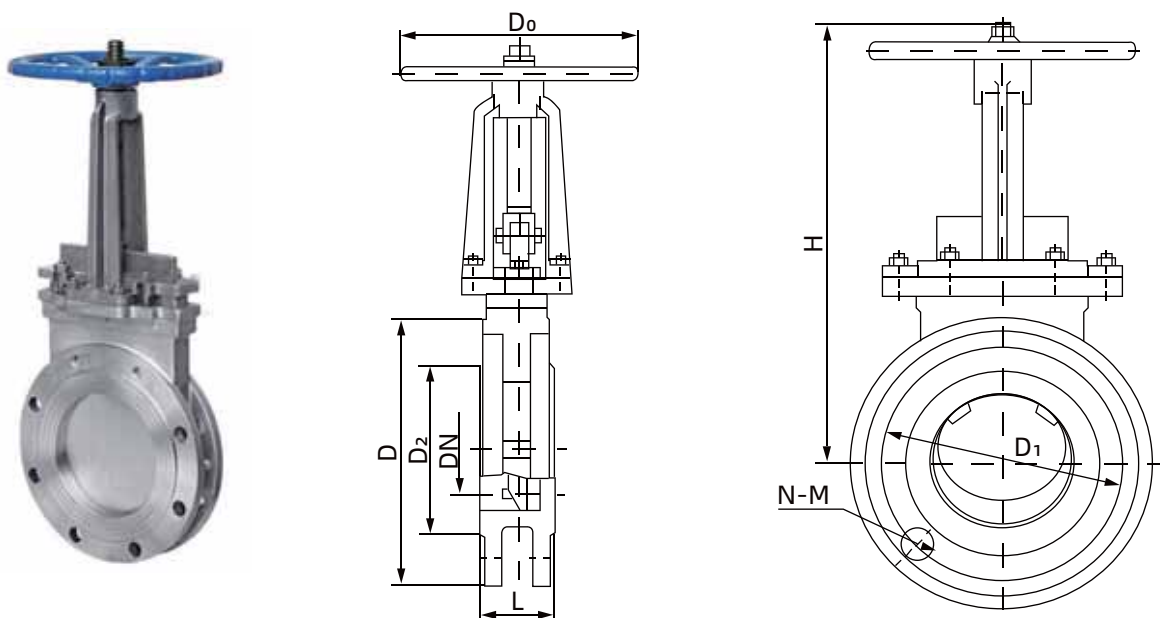
公称通径 Nominal diameter	DN	40	50	65	80	100	125	150	200	250	300
BZ40H-25											
L	mm	200	250	265	280	300	325	350	400	450	500
H	mm	358	373	435	500	614	674	818	969	1145	1145
Do	mm	200	240	260	280	300	320	350	400	450	500
重量 Weight	kg	18	29	33.5	46.5	65	112	142	213	290	324

主要尺寸和重量 Main Dimensions and Weight

公称通径 Nominal diameter	DN	40	50	65	80	100	125	150	200	250	300
BZ40H-40											
L	mm	200	250	280	300	350	400	450	550	650	750
H	mm	350	358	373	435	500	614	674	818	1225	1415
Do	mm	200	260	280	300	350	400	450	600	600	700
重量 Weight	kg	-	-	-	-	-	-	-	-	-	-

手动刀形闸阀

Manial Knife Gate Valve



主要性能规范 Main Performance Parameter

公称压力(MPa)	壳体试验(MPa)	密封试验(MPa)	工作温度	适用介质
1.0	1.5	1.1	≤100°C	纸浆、污水、煤浆、灰、渣水混合物
1.6	2.4	1.8	≤100°C	

主要零件材料 Main Parts Material

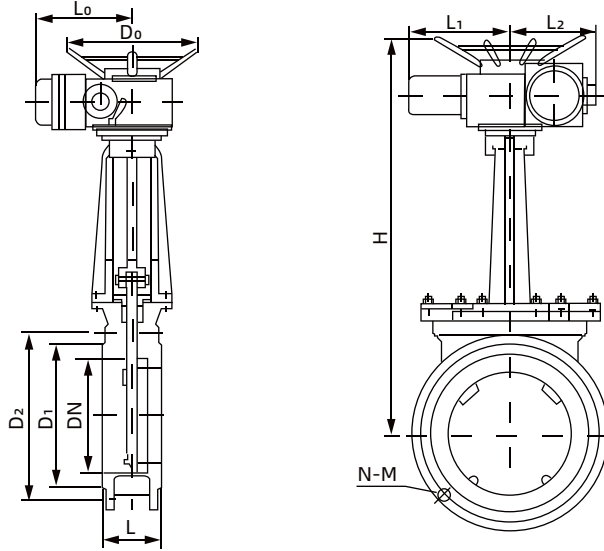
体、盖	闸板	阀杆	密封面
不锈钢、碳钢、灰铸铁	碳钢、不锈钢	不锈钢	橡胶、四氟、不锈钢、硬质合金

主要连接尺寸及重量 Main Connection Dimensions and Weight Z73H-10~16C

PN (MPa)	DN (mm)	尺寸(mm)							重量(Kg) Weight
		L	D	D ₁	D ₂	H	D ₀	N-M	
1.0	50	43	160	125	100	285	180	4-M16	8
	65	46	180	145	120	298	180	4-M16	10
	80	46	195	160	135	315	220	4-M16	12
	100	52	215	180	155	365	220	8-M16	14
	125	56	245	210	185	400	230	8-M16	22
	150	56	280	240	210	475	280	8-M20	29
	200	60	335	295	265	540	360	8-M20	38
	250	68	390	350	320	630	360	12-M20	66
	300	78	440	400	368	780	400	12-M20	100
	350	78	500	460	428	885	400	16-M20	119
	400	102	565	515	482	990	400	16-M22	195
	450	114	615	565	532	1100	530	20-M22	285
	500	127	670	620	585	1200	530	20-M22	389
	600	154	780	725	685	1450	600	20-M27	529
	700	165	895	840	800	1700	600	24-M27	790
	800	190	1010	950	898	2000	680	24-M30	850
900	203	1110	1050	1005	2300	680	28-M30	900	
1000	216	1220	1160	1115	2500	700	28-M30	1050	
1200	254	1450	1380	1325	2800	800	32-M36	1300	
1.6	50	43	160	125	99	285	180	4-M16	8.5
	65	46	180	145	120	295	180	4-M16	10.7
	80	46	200	160	135	315	220	8-M16	13
	100	52	220	180	155	365	220	8-M16	15
	125	56	250	210	185	400	230	8-M16	23.5
	150	56	285	240	210	475	280	8-M20	31
	200	60	340	295	265	540	360	12-M20	40.7
	250	68	405	355	310	630	360	12-M22	70
	300	78	460	410	375	780	400	12-M22	107
	350	78	520	470	435	885	400	16-M22	129
	400	102	580	525	485	990	400	16-M27	215
	450	114	640	585	545	1100	530	20-M27	305
	500	127	715	650	609	1200	530	20-M30	410
	600	154	840	770	720	1450	600	20-M36	550
	700	165	910	840	788	1700	600	24-M36	820
	800	190	1025	950	898	2000	680	24-M36	950
900	203	1125	1050	998	2300	680	28-M36	1020	
1000	216	1255	1170	1110	2500	700	28-M42	1120	
1200	254	1485	1390	1325	2800	800	32-M48	1480	

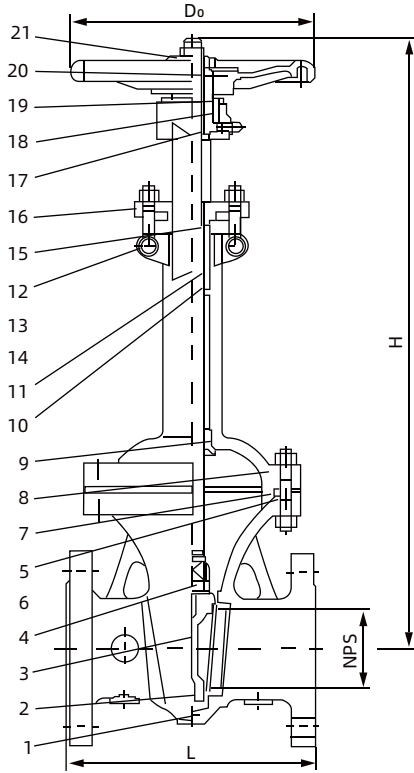
电动对夹式刀形闸阀

Electric Wafer Knife Gate Valve



主要性能规范 Main Performance Parameter

PN (MPa)	DN (mm)	尺寸(mm)									电装型号
		L	D ₁	D ₂	H	D ₀	L ₀	L ₁	L ₂	N-M	
0.6 MPa	50	43	90	110	600	125	215	318	197	4-M12	DZ10
	65	46	110	130	670	125	215	318	197	4-M12	DZ10
	80	46	125	150	680	125	215	318	197	4-M16	DZ10
	100	52	145	170	700	125	215	318	197	4-M16	DZ10
	125	56	175	200	720	125	215	318	197	8-M16	DZ10
	150	56	200	225	790	125	215	318	197	8-M16	DZ10
	200	60	255	280	850	125	215	363	197	8-M16	DZ15
	250	68	310	335	1100	125	215	363	197	12-M16	DZ20
	300	78	362	395	1180	125	215	363	197	12-M20	DZ20
	350	78	412	445	1280	125	215	363	197	12-M20	DZ30
	400	102	462	495	1460	125	215	363	197	16-M20	DZ45
	450	114	518	550	1600	235	240	437	277	16-M20	DZ45
	500	127	568	600	1800	235	240	437	277	16-M20	DZ45
	600	154	670	705	2100	235	240	437	277	20-M22	DZ60
	700	165	775	810	2300	260	274	526	283	24-M22	DZ90
	800	190	880	920	2500	260	274	526	283	24-M27	DZ120
900	203	980	1020	2700	295	319	554	309	24-M27	DZ180	
1000	216	1080	1120	2900	295	319	554	309	28-M27	DZ250	
1200	254	1295	1340	3400	295	319	554	309	32-M30	DZ250	
1.0 MPa	50	43	160	125	600	125	215	318	197	4-M16	DZ10
	65	46	120	145	670	125	215	318	197	4-M16	DZ10
	80	46	135	160	680	125	215	318	197	4-M16	DZ10
	100	52	155	180	700	125	215	318	197	8-M16	DZ10
	125	56	185	210	720	125	215	318	197	8-M16	DZ10
	150	56	210	240	790	125	215	318	197	8-M20	DZ10
	200	60	265	295	850	125	215	318	197	8-M20	DZ15
	250	68	320	350	1100	125	215	318	197	12-M20	DZ20
	300	78	368	400	1180	125	215	318	197	12-M20	DZ20
	350	78	428	460	1280	125	215	318	197	16-M20	DZ30
	400	102	482	515	1460	235	240	437	277	16-M22	DZ45
	450	114	532	565	1600	235	240	437	277	20-M22	DZ45
	500	127	585	620	1800	235	240	437	277	20-M22	DZ60
	600	154	685	725	2100	260	274	526	283	20-M27	DZ90
	700	165	800	840	2300	260	274	526	283	24-M27	DZ120
	800	190	898	950	2500	295	319	554	309	24-M30	DZ180
900	203	1005	1050	2700	295	319	554	309	28-M30	DZ180	
1000	216	1115	1160	2900	295	319	554	309	28-M30	DZ250	
1200	254	1325	1380	3400	295	319	554	309	32-M36	DZ250	



应用规范

- 1、设计制造按API 600、API6D、JIS B2073、JIS B2083
- 2、结构长度按ASME B16.10 JIS B2002
- 3、连接端法兰尺寸按Class 150/300/600按ASME B16.5 JIS 10K 20K按JISG5152
- 4、压力温度基准按ASME B16.34
- 5、阀门检查和试验按API 6D、API 598、API 600、JIS B2003
- 6、主体材料：LCB、CF8、CF8M、CF3、CF3M

Application Specification

- 1、Design manufacture according to API 600、API6D、JIS B2073、JIS B2083
- 2、Face to face according to ASME B16.10 JIS B2002
- 3、End flange dimension according to Class 150/300/600按ASME B16.5 JIS 10K 20K按JISG5152
- 4、Pressure temperature to ASME B16.34
- 5、Valve inspection and test according to API 6D、API 598、API 600、JIS B2003
- 6、主体材料：LCB、CF8、CF8M、CF3、CF3M

材料标准 Material specifications

序号 NO.	名称Name	材料				
		LCB	CF8	CF8M	CF3	名称CF3M
1	阀体Body	A352 LCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
2	阀体Seat	A350 LF2	A182 F304	A182 F316	A182 F304L	A182 F316L
3	闸板Wedge	A352 LCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
4	阀杆Stem	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L
5	螺栓Bolt	A320 L7、A193 B16、A193 B8、A193 B8M				
6	螺母Nut	A194 4、A194 7、A194 8、A194 8M				
7	垫片 Gasket	F304+柔性石墨				
8	阀盖Bonnet	A352 LCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
9	上密封盖Back seat	A182 F6	A182 F304	A182 F316	A182 F304L	A182 F316L
10	填料Packing	柔性石墨				
11	隔环Lantern	A182 F6	A182 F304	A182 F316	A182 F304L	A182 F316L
12	销Pin	碳钢或合金钢				
13	活节螺栓gland eyebolt	A307 L7、A193 B8、A193 B8M				
14	螺母Nut	A194 4、A194 8、A194 8M				
15	填料压套Gland flange	A182 F6	A182 F304	A182 F316	A182 F304L	A182 F316L
16	填料压板Gland flange	A352 LCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
17	油杯Oil up	铜、碳钢或不锈钢				
18	阀杆螺母Stem nut	A439D2、ZCuAl10Fe3(GB STD)				
19	轴承压盖Retaining nut	碳钢和合金钢				
20	手轮Handwheel	可锻铸铁或碳钢				
21	锁紧螺母H.W.lock nut	碳钢或合金钢				
	密封面Sealing face	硬质合金STL/304				

注：材料按照ASTM标准 Note:The material according to ASTM material

低温闸阀

LOW-temperature Gate Valve

主要外形尺寸及重量 Main outline dimenions and weight

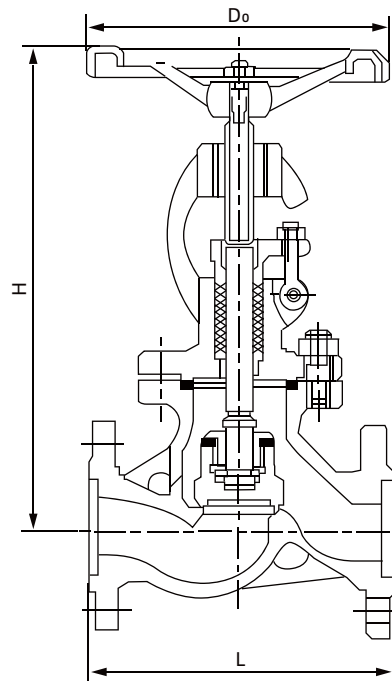
Class 100 10K																
DN	20	25	32	40	50	65	80	100	150	200	250	300	350	400	450	500
NPS	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16	18	20
L	117	127	140	165	178	190	203	229	267	282	330	356	381	406	432	457
	4.6	5	5.5	6.5	7	7.5	8	9	10.5	11.5	13	14	15	16	17	18
H(开)	320	350	385	420	540	610	690	780	930	980	1180	1390	1620	1810	1970	
	13	13.8	15.1	16.5	21.3	24	27	30.7	36.6	38.6	46.5	54.7	63.8	71.3	77.5	
理论重量 (Kg)	6	8	9	15	22	26	39	50	69	85	132	182	266	420	550	

Class 300 20K																
DN	20	25	32	40	50	65	80	100	150	200	250	300	350	400	450	500
NPS	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16	18	20
L	152	165	178	190	216	241	283	305	403	419	457	502	762	838	914	991
	6	6.5	7	7.5	8.5	9.5	11.1	12	15.8	16.5	18	19.8	30	33	36	39
H(开)	330	360	400	455	575	635	715	815	965	1025	1225	1440	1665	1880	2050	
	13	14.1	15.7	17.9	22.6	25	28	32	38	40	48.2	56.7	65.5	74	80.7	
理论重量 (Kg)	7	9	11	19	29	37	52	78	116	138	218	288	410	605	750	

Class 600																
DN	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	
NPS	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	
L	190	216	229	241	292	330	356	432	508	559	660	787	838	-	-	
	7.5	8.5	9	9.5	11.5	13	14	17	20	22	26	31	33	-	-	
H(开)	335	365	420	500	630	700	760	900	990	1070	1280	1500	1740	-	-	
	13.1	14.3	16.5	19.7	25	27.5	30	35	39	42	50	59	68.5	-	-	
理论重量 (Kg)	12	17	26	32	44	58	75	125	187	260	384	502	705	-	-	

注：法兰、手轮尺寸与相应的钢制闸阀相同

Note: The dimension of flange and handwheel are same as the corresponding steel gate valve



应用规范

- 1、设计、制造按GB12235-2007
- 2、结构长度按GB12221-2005
- 3、连接法兰按JB/T79-2000
- 4、阀门检查和试验按GB13927

Application Specification

- 1、Design Manufacture According to GB 12235-2007
- 2、Face to face According to GB 12221-2005
- 3、flange ends According to JB/T79-2000
- 4、Valve Check and test According to GB13927

主要零件材料及主要用途 Main Parts Material and Application

阀体 Body	阀盖 Cover	阀瓣 Disc	阀座 Seat	阀杆 Stem	填料 Packing	适用介质 Applicable Medium	适用温度(≤℃) Applicable temperature
WCB	WCB	25+Stellite12	25+D507Mo	2Cr13	柔性石墨 Flexible graphite	水、蒸汽、油品 Water、Steam、oil	425℃
WC6	WC6	25Cr2Mo1VA +Stellite12	25Cr2Mo1VA +Stellite6	25Cr2Mo1VA	柔性石墨 Flexible graphite	水、蒸汽、油品 Water、Steam、oil	540℃
WC9	WC9	25Cr2Mo1VA +Stellite12	25Cr2Mo1VA +Stellite6	25Cr2Mo1VA	柔性石墨 Flexible graphite	水、蒸汽、油品 Water、Steam、oil	570℃
ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	PTFE编织 PTFE braiding	硝酸等腐蚀性介质 Corrosive medium like nitric acid	200℃
ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	PTFE编织 PTFE braiding	硝酸等腐蚀性介质 Corrosive medium like nitric acid	200℃
ZG00Cr18Ni10	ZG00Cr18Ni10	00Cr18Ni10	00Cr18Ni10	00Cr18Ni10	PTFE编织 PTFE braiding	强氧化性介质 Strong oxidizing medium	200℃
ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	00Cr17Ni14Mo2	00Cr17Ni14Mo2	00Cr17Ni14Mo2	PTFE编织 PTFE braiding	尿素等腐蚀性介质 Corrosion medium like urea	200℃

国标截止阀

GB Globe Valve

16MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	210	350	400	480	600	650	750	850	950
H	mm	200	243	253	280	312	321	325	355	415	460	510	700	975	1115	1250	1380
Do	mm	120	143	140	160	200	220	226	280	300	350	450	500	550	600	700	800
重量(kg)Weight	kg	5	6.5	7	13.5	16	32	45	60	82	107	134	268	449	663	750	1170

2.5MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	210	350	400	480	600	650	750	850	950
H	mm	200	243	253	280	312	321	325	355	415	460	510	700	975	1115	1250	1380
Do	mm	120	140	140	160	200	220	226	280	300	350	450	500	550	650	750	850
重量(kg)Weight	kg	5	6.5	7	13.5	16	32	45	60	84	110	139	273	458	682	812	1205

40MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	210	350	400	480	600	650	750	850	950
H	mm	200	243	253	280	312	321	325	355	415	460	510	700	975	1115	1250	1380
Do	mm	140	160	160	180	200	260	280	300	350	400	450	600	600	700	800	900
重量(kg)Weight	kg	5	6.5	7	13.5	16	32	45	60	84	110	139	278	468	699	837	1312

6.4MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	mm	170	190	210	230	260	300	340	380	430	500	550	650	775	900
H	mm	195	228	250	325	360	41	450	485	537	646	840	925	1015	1200
Do	mm	160	180	200	-	220	260	280	320	350	400	500	-	-	-
重量(kg)Weight	kg	10	13	15	-	19	25	35	48	56	125	157	-	-	-

10.0MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	mm	170	190	210	230	260	300	340	380	430	500	550	650	775	900
H	mm	195	228	250	325	360	41	450	485	537	646	840	925	1015	1200
Do	mm	160	180	200	220	240	280	320	350	400	450	500	600	700	800
重量(kg)Weight	kg	10	12	17	25	30	40	68	92	107	-	310	890	850	1040

16.0MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

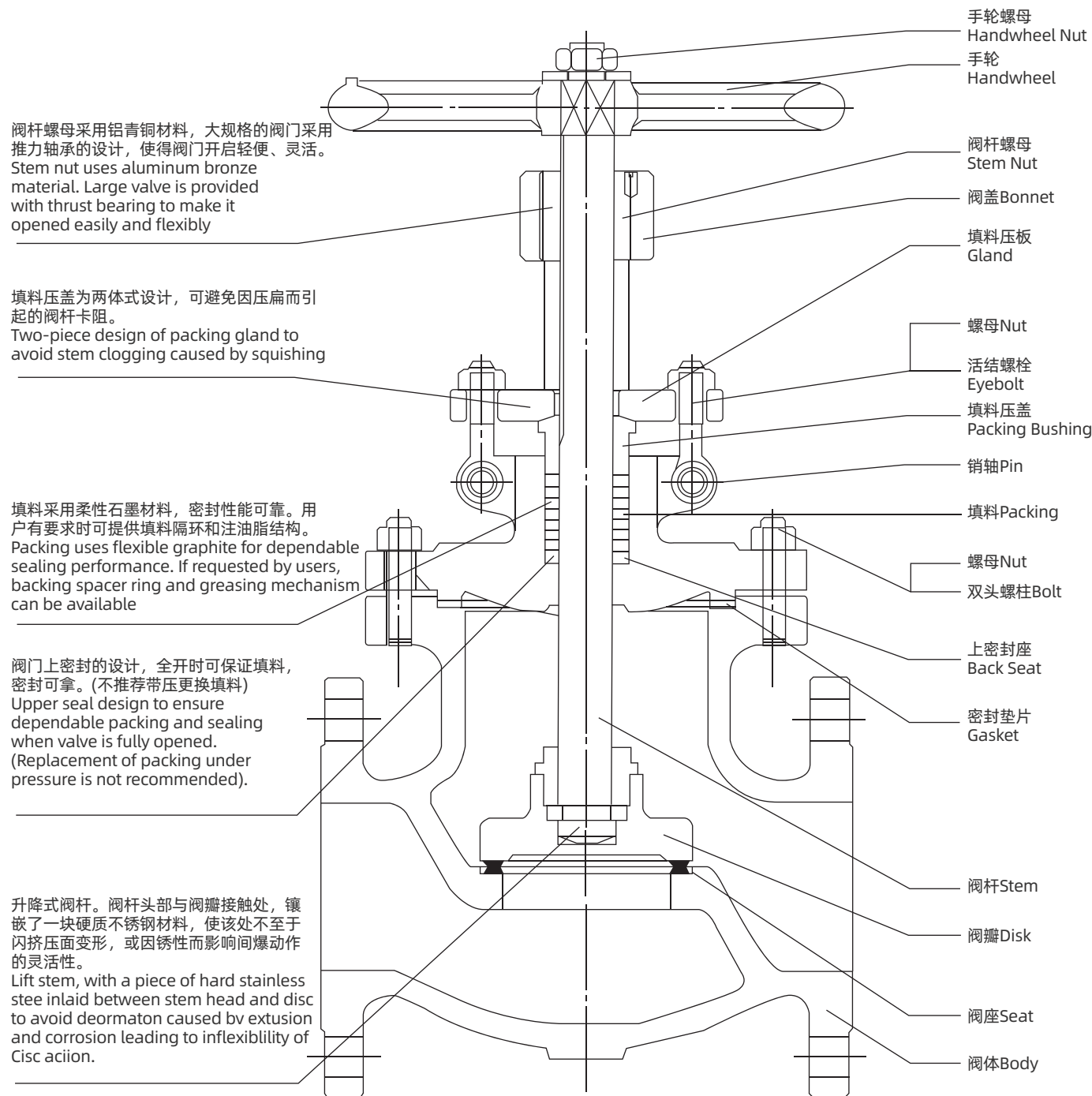
公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200
L	mm	170	190	210	230	260	300	340	380	430	500	550	650
H	mm	195	228	250	325	360	41	450	485	537	646	840	925
Do	mm	160	180	200	220	240	280	320	350	400	450	500	600
重量(kg)Weight	kg	-	-	-	-	-	-	-	-	-	-	-	-

美标铸钢截止阀

ANSI Cast Steel Globe Valve

美标铸钢截止阀的结构图 (OS & Y)

The structure drawing of ANSI cast steel globe Valve



国标截止阀

GB Globe Valve

美标铸钢闸阀的材料明细(ASTM标准材质)The material list of API cast steel gate valve (ASTM standard materials)

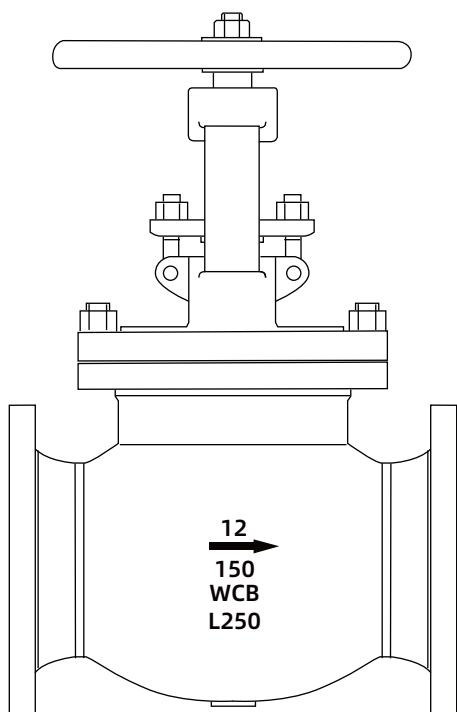
序号 NO.	零件名称 Part Name	碳钢系列 Carbon Steel	不锈钢系列 Stainless Steel	合金钢系列 Alloy Steel	低温钢系列 Low Temperature Steel
1	阀体Body	A216 GR WCB	A351 GR CFB	A217 GR WC6	A352 GR LCB
2	阀座Seat	A105	-	A182 GR F304	A182 GR F304
3	阀瓣Disk	A216 GR WCB	A351 GR CF8	A217 GR WC6	A352 GR LCB
4	阀杆stem	A276 TYPE 410	A276 TPYE 304	A182 GR F22	A276 TYPE 304
5	双头螺柱Stud	A193 GR B7	A193 GR B8	A193 GR B16	A320 GR L7
6	六角螺母Nut	A194 GR 2H	A194 GR 8	A194 GR 4	A194 GR 4
7	上密封座Back Seat	A182 GR F6a	A182 GR F304	A182 GR F304	A182 GR F304
8	密封垫片Gasket	柔性石墨Graphite+SS304			
9	填料Packing	柔性石墨Graphite			
10	销轴Pin	A194 GR 2H	A276 TPYE 304	A276 TPYE 410	A276 TYPE 304
11	填料压套Packing Bushing	A182 GR F6a	A182 GR F304	A182 GR F304	A182 GR F304
12	活结螺栓EyeBolt	A193 GR B7	A193 GR B8	A193 GR B16	A320 GR L7
13	螺母Eyebolt Nut	A194 GR 2H	A194 GR 8	A194 GR 4	A194 GR 4
14	填料压板Gland	A216 GR WCB	A351 GR CF8	A216 GR WCB	A352 GR LCB
15	阀盖Bonnet	A216 GR WCB	A351 GR CF8	A216 GR WCB	A352 GR LCB
16	阀杆螺母Stem Nut	B148 UNS C95200	B148 UNS C95200	B148 UNS C95200	B148 UNS C95200
17	手轮Handwheel	A 197	A 197	A 197	A197
18	手轮螺母HandwheelNut	A 108 GR 1020	A 182 GR F304	A 108 GR 1020	A 108 GR F304

技术性能规范Technical Specification

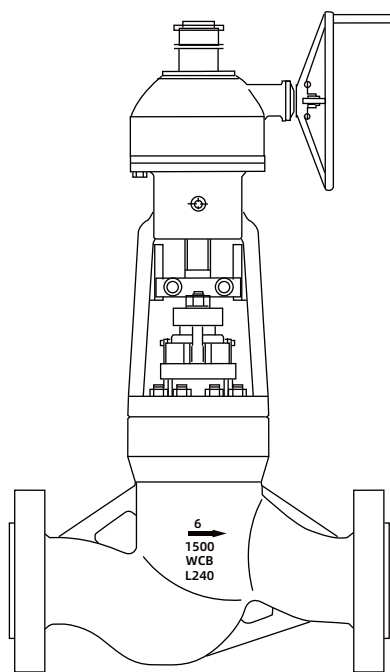
设计标准Design Standard	BS1873 ASME B 16.34						
压力温度等级Pressure-Temperature Rating	ASME B16.34						
结构长度Face to Face	ASME B16.10						
法兰形式尺寸Flange Ends	ASME B16.5						
对焊端连接Buttwelding Ends	ASME B16.25						
检验与试验Inspection & Test	API598						
公称压力Nominal Pressure (Class)	150	300	400	600	900	1500	
试验压力 Test Pressure (MPa)	壳体试验Shell Test	3	7.5	10.3	15.0	22.5	37.5
	高压密封High Pressure Seal Test	2.2	5.5	7.5	11.0	16.5	27.5
	低压密封Low Pressure Seal Test	0.6					
适用温度Applicable Temperature	-196°C~550°C(不同的工况温度选用不同材质) Different raw material for different work temperature						
适用介质Applicable Medium	水、油、气及各类腐蚀性介质(不同的介质选用不同材质) Water, oil, gas and sother causticity medium(Different raw material for different medium)						

美标铸钢截止阀

ANSI Cast Steel Globe Valve



手动Hand wheel operated



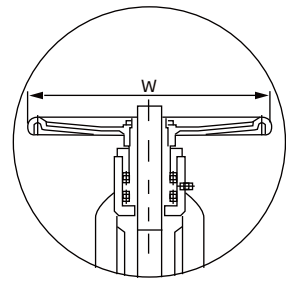
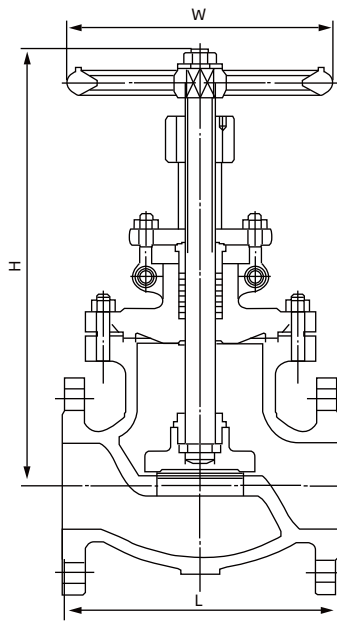
齿轮传动Gear operated

美标铸钢截止阀供货范围ANSI cast steel globe valve product line

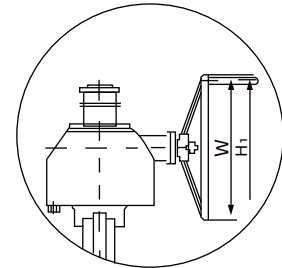
规格 Size (mm)		压力Pressure(Class)															
		栓接阀盖Bolted bonnet									自密封阀盖Self-sealed bonnet						
DN	NPS	手动Handwheel					齿轮传动Gear operated					手动Handwheel			齿轮传动Gear operated		
		150	300	600	900	1500	150	300	600	900	1500	600	900	1500	600	900	1500
40	1 1/2	*	*	*													
50	2	*	*	*													
65	2 1/2	*	*	*													
80	3	*	*	*								*	*	*			
100	4	*	*	*	*	*						*	*	*			
150	6	*	*	*	*	*				*		*	*				
200	8	*	*	*	*				*	*	*	*					*
250	10	*	*						*						*	*	
300	12	*	*											*			
350	14	*	*														
400	16	*						*									
450	18	*						*									
500	20	*						*									
600	24	*						*									

美标铸钢截止阀

ANSI Cast Steel Globe Valve



推力轴承结构
Bearing structure



齿轮传动
Gear operated

压力Pressure:Class300

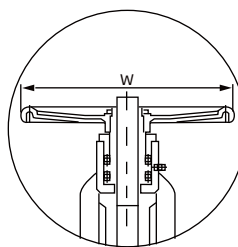
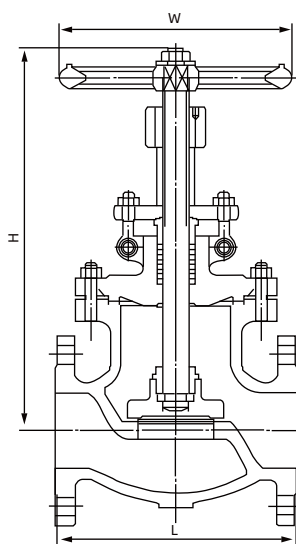
- 栓接阀盖
- 14" 以上采用推力轴承设计
- Bolted bonnet
- 14" and above with bearing structure

主要外形尺寸和重量 Main Dimensions & Weight

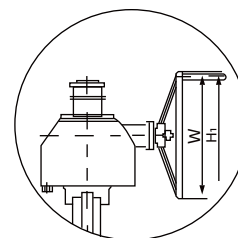
规格Size		尺寸Dimension (mm)						重量Weight (kg)		扭矩 Torque (N.m)	Cv
mm	in	L _{RF}	L _{BW}	L _{RJ}	H	H ₁	W	RF	BW		
Class 150											
40	1 1/2	165	165	178	289	-	200	14	11	16	-
50	2	203	203	216	343	-	200	23	19	19	-
65	2 1/2	216	216	229	365	-	250	32	25	29	-
80	3	241	241	254	375	-	250	38	31	45	100
100	4	292	292	305	448	-	250	63	53	67	185
150	6	406	406	419	584	-	350	108	90	129	440
200	8	495	495	508	660	-	450	186	164	245	810
250	10	622	622	635	683	-	450	271	239	385	1260
300	12	698	698	711	794	-	610	374	326	601	1890
350	14	787	787	800	889	-	610	610	-	649	2441
400	16	914	914	927	-	977	720	880	-	-	3234
450	18	977	977	-	-	1066	720	1150	-	-	4308
500	20	977	977	-	-	1117	720	1650	-	-	5364
600	24	1295	1295	-	-	1295	850	2200	-	-	7825

美标铸钢截止阀

ANSI Cast Steel Globe Valve



推力轴承结构
Bearing structure



齿轮传动
Gear operated

压力Pressure: Class 300

- 栓接阀盖
- 14" 以上采用推力轴承设计
- Bolted bonnet
- 14" and above with bearing structure

主要外形尺寸和重量 Main Dimensions & Weight

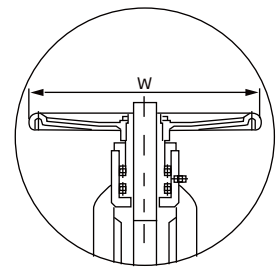
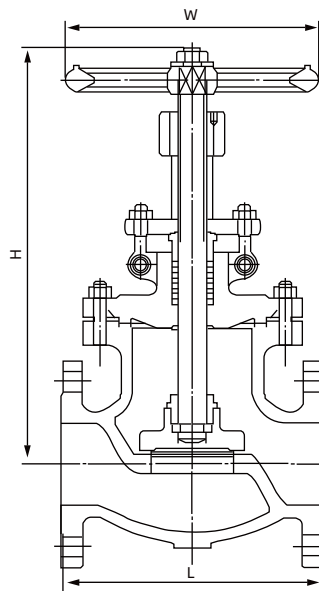
规格Size		尺寸Dimension (mm)						重量Weight (kg)		扭矩 Torque (N.m)	Cv
mm	in	LRF	LBW	LRJ	H	H ₁	W	RF	BW		
Class 300											
40	1 1/2	229	229	241	365	-	200	27	21	24	-
50	2	267	267	283	435	-	200	36	30	30	-
65	2 1/2	292	292	308	476	-	250	47	39	51	-
80	3	318	318	333	479	-	250	62	50	84	100
100	4	356	356	371	581	-	350	102	83	145	185
150	6	444	444	460	657	-	450	176	146	319	440
200	8	559	559	575	724	-	450	288	244	617	810
250	10	622	622	638	800	-	860	571	505	1126	1260
300	12	711	711	727	900	-	860	770	669	1988	1890
350	14	838	838	-	1092	-	860	876	-	*-	2441
400	16	863	863	-	-	1371	610	1200	-	-	3234
450	18	977	977	-	-	1473	610	1600	-	-	4183
500	20	1016	1016	-	-	1574	720	2100	-	-	5226
600	24	1346	1346	-	-	1803	720	3150	-	-	7657

美标铸钢截止阀

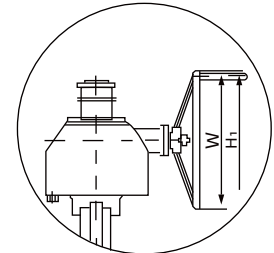
ANSI Cast Steel Globe Valve

压力Pressure: Class 600~1500

- 栓接阀盖
- 6" 以上采用推力轴承设计
- 8" 以上采用齿轮传动
- Bolted bonnet
- 6" and above with bearing structure
- 8" and above gear operated



推力轴承结构
Bearing structure



齿轮传动
Gear operated

主要外形尺寸和重量 Main Dimensions & Weight

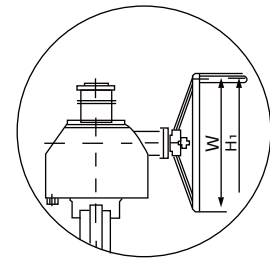
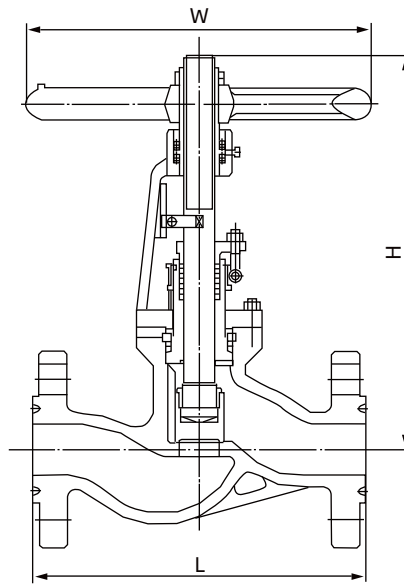
规格Size		尺寸Dimension (mm)						重量Weight (kg)		扭矩 Torque (N.m)	Cv
mm	in	L _{RF}	L _{BW}	L _{RJ}	H	H ₁	W	RF	BW		
Class 600											
40	1 1/2	241	241	241	425	-	200	34	32	30	-
50	2	292	292	295	460	-	250	52	44	66	-
65	2 1/2	330	330	333	505	-	250	63	53	103	-
80	3	356	356	359	556	-	350	87	75	175	100
100	4	432	432	435	670	-	450	144	123	332	185
150	6	559	559	562	905	-	610	355	298	819	440
200	8	660	660	664	1060	-	610	555	499	1208	780
250	10	787	787	791	-	1219	610	875	793	2266	1200
300	12	838	838	841	-	1570	610	1280	1134	4140	1350
Class 900											
80	3	381	381	384	635	-	350	150	120	-	90
100	4	457	457	460	774	-	500	247	200	-	170
150	6	610	610	613	1041	-	500	410	-	-	400
200	8	737	737	740	1333	-	610	790	-	-	710
250	10	838	838	841	-	1625	610	1400	-	5145	1100
Class 1500											
80	3	470	470	473	635	-	350	122	-	-	95
100	4	546	546	549	736	-	450	172	-	-	170
150	6	705	705	711	1092	-	610	510	-	-	395
200	8	832	832	841	-	1782	500	875	-	-	695
250	10	991	991	1000	-	1549	610	1675	-	8445	1085

美标铸钢截止阀

ANSI Cast Steel Globe Valve

压力Pressure: Class 600~1500

- 栓接阀盖
- Class 600, 12" 以上采用齿轮传动
- Class 900, 10" 以上采用齿轮传动
- Class 1500, 8" 以上采用齿轮传动
- Pressure sealed bonnet
- Class 600, 12" and above
- Class 900, 10" and above
- Class 1500, 8" and above



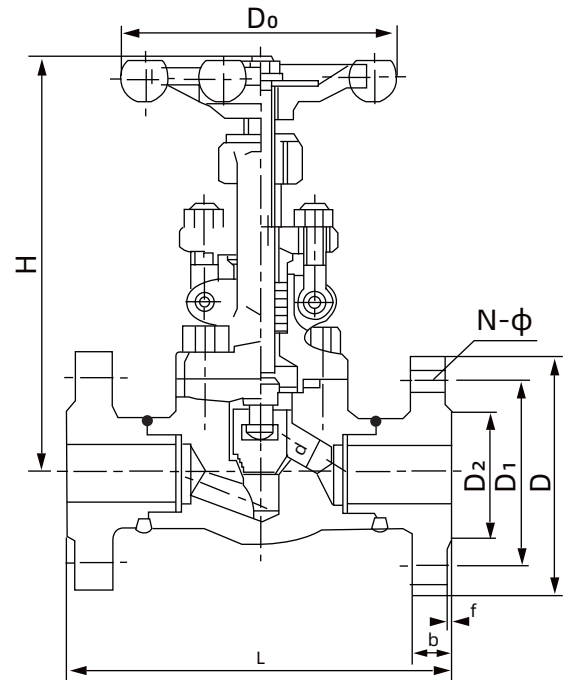
齿轮传动
Gear operated

主要外形尺寸和重量 Main Dimensions & Weight

规格Size		尺寸Dimension (mm)						重量Weight (kg)		扭矩 Torque (N.m)	Cv
mm	in	LRF	LBW	LRJ	H	H ₁	W	RF	BW		
Class 600											
80	3	356	254	359	508	-	350	80	-	175	100
100	4	432	305	435	635	-	450	135	-	332	185
150	6	559	457	562	876	-	610	275	-	819	440
200	8	660	584	663	990	-	610	480	-	1208	780
250	10	787	711	781	1168	-	610	780	-	2266	1200
300	12	838	812	841	-	1570	610	1150	-	4140	1350
Class 900											
80	3	381	305	384	635	-	350	105	-	-	105
100	4	457	356	460	774	-	500	170	-	-	195
150	6	610	508	613	1065	-	500	370	-	-	455
200	8	737	660	730	1333	-	610	720	-	-	800
250	10	838	787	841	-	1574	610	1200	-	5145	1250
Class 1500											
80	3	470	470	473	635	-	350	-	95	-	95
100	4	546	546	549	774	-	450	-	155	-	170
150	6	705	705	711	1092	-	610	-	400	-	395
200	8	832	832	841	-	1496	610	-	640	-	695
250	10	991	991	1000	-	1549	610	-	1200	8445	1085

锻钢法兰截止阀

Forged Steel Flange Globe Valve



应用规范

- 1、设计、制造按API STD 600
- 2、结构长度按ANSI B16.10
- 3、法兰连接按：ANSI B16.5；JIS B2212-B2214
- 4、阀门检查和试验按API STD.598

Application Specification

- 1、Design Manufacture According to API STD.600
- 2、Face to face According to ANSI B16.10
- 3、End flange dimension According to ANSI B16.5 JIS B2212-B2214
- 4、Valve Check and Test According to API STD.598

主要外形尺寸和重量 Main Dimensions & Weight

规格Spec		压力等级 Pressure grade	L	H (开 Open)		Do		D2	D1	D	b	f	N-φ	重量Weight (kg)	
英制(in)	公制(mm)			缩径 peduced bore	全径 Full bore	缩径 peduced bore	全径 Full bore							缩径 peduced bore	全径 Full bore
Class150/300/600															
1/2	15	150	108	158	163	100	100	35	60.3	89	10	1.6	4-15	4.5	6.9
		300	152					35	66.7	95	14.5	1.6	4-16	4.8	7.7
		600	165					35	66.7	95	14.5	6.4	4-15	5.6	7.8
3/4	20	150	117	163	193	100	125	43	69.9	98	10.5	1.6	4-15	6.9	9.8
		300	178					43	82.6	117	16	1.6	4-19	7.7	11.3
		600	190					43	82.6	118	16	6.4	4-19	7.8	12.5
1	25	150	127	193	250	125	160	51	79.4	108	11.5	1.6	4-15	9.8	13.5
		300	203					51	88.9	124	18	1.6	4-19	11	16.8
		600	216					51	88.9	124	18	6.4	4-19	12.5	17.5
1 1/4	32	150	140	250	250	160	160	64	88.9	117	13	1.6	4-15	13.5	19.5
		300	216					64	98.4	133	19.5	1.6	4-19	16.8	21.2
		600	229					64	98.4	133	21	6.4	4-19	17	23.5
1 1/2	40	150	165	250	291	160	180	73	98.4	127	14.5	1.6	4-15	19.5	28.5
		300	229					73	114.3	156	21	1.6	4-22	21.2	32.6
		600	241					73	114.3	156	22.5	6.4	4-22	23.5	38.5
2	50	150	203	291	312	180	200	92	120.7	152	16	1.6	4-19	28	30.3
		300	267					92	127.0	165	22.5	1.6	8-19	32.6	35
		600	292					92	127.0	165	25.5	6.4	8-19	38.8	42.2

锻钢法兰截止阀

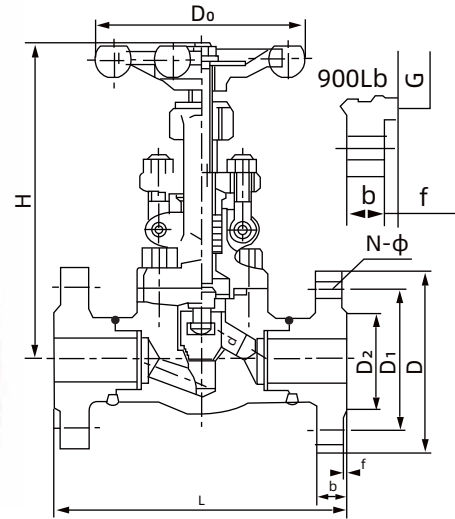
Forged Steel Flange Globe Valve

应用规范

- 1、设计、制造按API STD .600
- 2、结构长度按ANSI B16.10
- 3、法兰连接按：ANSI B16.5；JIS B2212-B2214
- 4、阀门检查和试验按API STD.598

Application Specification

- 1、Design Manufacture According to API STD.600
- 2、Face to face According to ANSI B16.10
- 3、End flange dimension According to ANSI B16.5
JIS B2212-B2214
- 4、Valve Check and Test According to API STD.598



主要外形尺寸和重量 Main Dimensions & Weight

规格Spec		L	H (开 Open)	D ₀	D ₆	D ₂	D ₁	D	b	f	N-φ	重量Weight (kg)	
英制(in)	公制(mm)											B.B	W.B
Class 900													
1/2	15	216	207	100	39.67	60.5	82.5	120	22.5	6.35	4-22	7.4	8
3/4	20	229	207	100	44.45	66.5	89	130	25.5	6.35	4-22	12.5	13.2
1	25	254	240	125	50.80	71.5	101.5	150	29.5	6.35	4-26	16	17.4
1 1/4	32	279	258	160	60.33	81	111.1	159	29.5	6.35	4-26	17.2	19
1 1/2	40	305	290	160	68.27	92	124	180	32.0	6.35	4-30	23	24.5
2	50	368	337	180	95.25	124	165.1	216	38.5	7.92	8-26	29.8	31

规格Spec		压力磅级 Pressure Class	L	H (开 Open)		D ₀		D ₂	D ₁	D	b	f	N-φ	重量Weight (kg)	
英制(in)	公制(mm)			缩径 peduced bore	全径 Full bore	缩径 peduced bore	全径 Full bore							缩径 peduced bore	全径 Full bore
10K/20K/40K															
1/2	15	10K	108	158	163	100	100	51	70	95	12	1	4-15	4.8	7.2
		20K	152					51	70	95	14	1	4-15	5.2	8
		40K	165					55	80	115	20	1	4-19	7.4	9.8
3/4	20	10K	117	163	193	100	125	56	75	100	14	1	4-15	7.2	10.2
		20K	178					56	75	100	16	1	4-15	8	12
		40K	190					60	85	120	20	1	4-19	9.8	13.3
1	25	10K	127	193	250	125	160	67	90	125	14	1	4-15	10.2	14.2
		20K	203					67	90	125	16	2	4-19	12	15.7
		40K	216					70	95	125	22	2	4-19	13.3	18.5
1 1/4	32	10K	140	250	250	160	160	76	100	135	16	2	4-19	14.2	20
		20K	216					76	100	135	18	2	4-19	15.7	23
		40K	229					80	105	135	24	2	4-19	18.5	27.3
1 1/2	40	10K	165	250	291	160	180	81	105	140	16	2	4-19	20	29.5
		20K	229					81	105	140	18	2	4-19	23	35.4
		40K	241					90	120	160	24	2	4-23	27.3	38.6
2	50	10K	203	291	312	180	200	96	120	155	16	2	4-19	29.5	30.3
		20K	267					96	120	155	18	2	8-19	35.4	36.6
		40K	292					105	130	165	26	2	8-19	38.6	40

锻钢截止阀

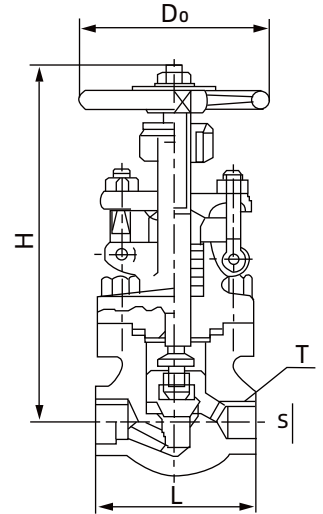
Forged Steel Globe Valve

应用规范

- 1、设计、制造按ANSI B16.34
- 2、连接端尺寸
 - (1) 承插孔尺寸按ANSI B16.11;JIS B2306
 - (2) 承插孔尺寸按ANSI B1.20;ISO 7/1, JIS B2303
- 3、阀门检查和试验API598
- 4、机构特征: B,B;OS & Y
- 5、材料: 按ANSI/ASTM的规定
- 6、主题材料: A105; F5;F11;F22;304;304L;316;316L;LF2等

Application Specification

- 1、Design Manufacture According to ANSI B16.34; API600
- 2、Face to face
 - (1)Socket bore dimensions by ANSI B16.11;JIS B2306
 - (2)End of thread dimensions by ANSI B1.20;ISO7/1;JIS B0203
- 3、Valve Check and Test According to AOI598
- 4、Structure;B,B;OS & Y
- 5、Material:According to ANSI/ASTM
- 6、Main material:A105; F5;F11;F22;304;304L;316;316L;LF2 etc.

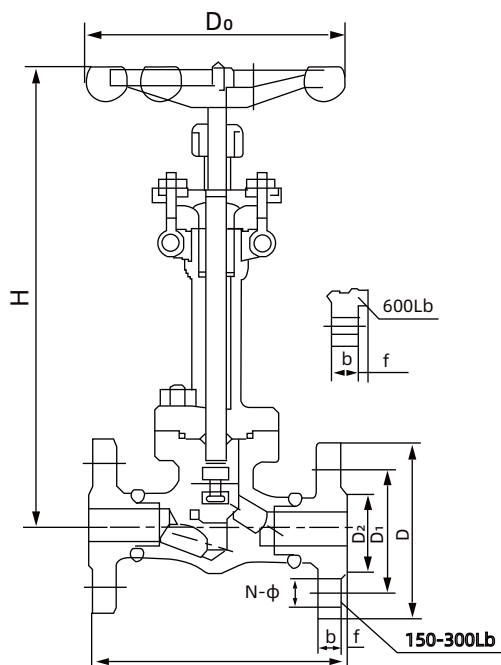


主要外形尺寸和重量 Main Dimensions & Weight

规格Spec				S				L	T(in)				D ₀	H (开Open)	重量Weight (kg)	
英制(in)		公制(mm)		ANSI		JIS			ANSI牙形60°		JIS/ISO/BS牙形55°				缩径 reduced bore	全径 Full bore
缩径 reduced bore	全径 Full bore	缩径 reduced bore	全径 Full bore	缩径 reduced bore	全径 Full bore	缩径 reduced bore	全径 Full bore		缩径 reduced bore	全径 Full bore	缩径 reduced bore	全径 Full bore				
Class150/800																
1/4	-	8	-	14.2	-	14.3	-	79	1/4	-	1/4	-	100	157	1.9	2.2
3/8	1/4	10	8	17.6	14.2	17.9	14.3	79	3/8	1/4	3/8	1/4	100	157	1.9	2.2
1/2	3/8	15	10	21.8	17.6	22.2	17.9	79	1/2	3/8	1/2	3/8	100	157	1.9	2.0
3/4	1/2	20	15	27.1	21.8	27.7	22.2	92	3/4	1/2	3/4	1/2	100	162	2.1	1.9
1	3/4	25	20	33.8	27.1	34.5	27.7	111	1	3/4	1	3/4	125	195	3.3	2.4
1 1/4	1	32	25	42.6	33.8	43.2	34.5	120	1 1/4	1	1 1/4	1	160	267	7.5	3.5
1 1/2	1 1/4	40	32	48.7	42.6	49.1	43.2	152	1 1/2	1 1/4	1 1/2	1 1/4	160	267	7.5	8.1
2	1 1/2	50	40	61.1	48.7	61.1	49.1	172	2	1 1/2	2	1 1/2	180	301	11.4	8.6
-	2	-	50	-	61.1	-	61.1	200	-	2	-	2	200	312	-	14.4
Class1500																
1/4	-	8	-	14.2	-	14.3	-	111	1/4	-	1/4	-	100	207	2.4	-
3/8	1/4	10	8	17.6	14.2	17.9	14.3	111	3/8	1/4	3/8	1/4	100	207	2.2	2.4
1/2	3/8	15	10	21.8	17.6	22.2	17.9	111	1/2	3/8	1/2	3/8	100	207	2.0	2.2
3/4	1/2	20	15	27.1	21.8	27.7	22.2	111	3/4	1/2	3/4	1/2	100	207	1.8	2.0
1	3/4	25	20	33.8	27.1	34.5	27.7	130	1	3/4	1	3/4	125	2	3.6	3.8
1 1/4	1	32	25	42.6	33.8	43.2	34.5	152	1 1/4	1	1 1/4	1	160	285	3.9	4.2
1 1/2	1 1/4	40	32	48.7	42.6	49.1	43.2	172	1 1/2	1 1/4	1 1/2	1 1/4	160	290	7.5	8.0
2	1 1/2	50	40	61.1	48.7	61.1	49.1	220	2	1 1/2	2	1 1/2	180	337	12.8	13.2
-	2	-	50	-	61.1	-	61.1	235	-	2	-	2	200	354	-	16.8

锻钢低温法兰截止阀

Forged Steel Low Temperature Flange Globe Valve



应用规范

- 1、设计、制造按ANSI B16.34; API 602
- 2、结构长度按ANSI B16.10
- 3、连接法兰按ANSI B16.5(RF)
- 4、阀门检查和试验按API 598; JB/T7749-95
- 5、结构特征: B.B;OS & Y; L.B
- 6、材料: 按ANSI/ASTM的规定
- 7、主体材料: 304

Application Specification

- 1、Design Manufacture acc.to ANSI B16.34;API 602
- 2、Face to face acc to ANSI B16.10
- 3、End flange connection acc.to ANSI B16.5(RF)
- 4、Valve Check and test acc.to API 598;JB/T 7749-95
- 5、Structure:B.B;OS & Y; L.B
- 6、Material:Acc.to ANSI/ASTM
- 7、Main material:304

主要外形尺寸和重量 Main Dimensions & Weight

规格DN Spec		压力 磅级 Pressure grade	L	H(开) Open	D ₀	D ₂	D ₁	D	b	f	N-φ	重量 (kg) Weight
英制(in)	公制(mm)											
Class150/300/600												
1/2	15	150	108	339	125	35	60.3	89	10	1.6	4-15	7.4
		300	152			35	66.7	95	14.5	1.6	4-16	8.4
		600	165			35	66.7	95	14.5	6.4	4-15	9.4
3/4	20	150	117	370	125	43	69.9	98	10.5	1.6	4-15	8.8
		300	178			43	82.6	117	16	1.6	4-19	9.5
		600	190			43	82.6	118	16	6.4	4-19	10.2
1	25	150	127	410	160	51	79.4	108	11.5	1.6	4-15	11.1
		300	203			51	88.9	124	18	1.6	4-19	11.8
		600	216			51	88.9	124	18	6.4	4-19	13.5
1 1/4	32	150	140	425	160	64	88.9	117	13	1.6	4-15	16.8
		300	216			64	98.4	133	19.5	1.6	4-19	16.8
		600	229			64	98.4	133	21	6.4	4-19	17
1 1/2	40	150	165	474	180	73	98.4	127	14.5	1.6	4-15	20.5
		300	229			73	114.3	156	21	1.6	4-22	22.1
		600	241			73	114.3	156	22.5	6.4	4-22	24.6
2	50	150	203	546	200	92	120.7	152	16	1.6	4-19	23.6
		300	267			92	127.0	165	22.5	1.6	8-19	26
		600	292			92	127.0	165	25.5	6.4	8-19	28.8

低温截止阀

Low Temperature Globe Valve

应用规范

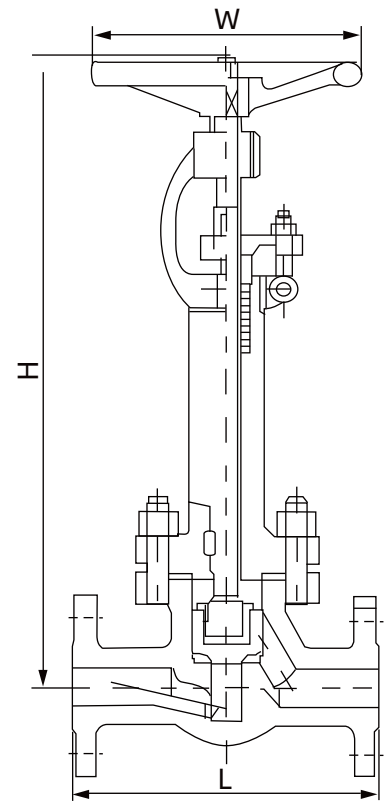
- 1、设计制造按BS 1873、JIS B2071、JIS B2081
- 2、结构长度按ASME B16.10 JIS B2002
- 3、连接端法兰尺寸按Class 150/300/600按ASME B16.5
JIS 10K、20K按JIS B2212、JIS B2214
- 4、压力温度基准按ASME B16.34
- 5、阀门检查和试验按API 598、BS 6755、JIS B2003
- 6、主题材料：LCB、CF8、CF8M、CF3、CF3M

Application Specification

- 1、Design Manufacture According to BS 1873、JIS B2071、JIS B2081
- 2、Face to face according to ASME B16.10 JIS B2002
- 3、End flange dimension according to Class 150/300/600按ASME B16.5
JIS 10K、20K to JIS B2212、JIS B2214
- 4、Pressure temperature to ASME B16.34
- 5、Valve inspection and test according to API 598、BS 6755、JIS B2003
- 6、Main material:LCB、CF8、CF8M、CF3、CF3M

注：阀门连接法兰及对焊端尺寸可根据用户要求设计制造

Note: The flange connection and vutt weld size can be designd and manufacture according to customer is requirements.



主要外形尺寸和重量

Class150

(mm)

规格 Specification	NPS	1/2	3/4	1	1 1/2	2	2 1/2	3	4	6	8	10	12
	DN	15	20	25	40	50	65	80	100	150	200	250	300
H	L	108	117	127	165	203	216	241	292	406	495	622	698
	-46°C	405	405	425	460	526	555	582	622	740	820	1020	1280
	-101°C	405	405	425	460	586	620	655	690	820	900	1050	1310
Wt (kg)	-196°C	405	405	425	460	586	620	655	690	820	900	1080	1340
	W	150	150	180	200	250	250	300	300	820.3	400	550	600
	-46°C	6	11	14	28	29.5	35	40	70.5	119	200	269	350
Wt (kg)	-101°C	7	12	15	30	31	39	47	72	122	204	275	357
	-196°C	8	13	17	31	33	41	48	74	125	208	280	478

Class150

(mm)

规格 Specification	NPS	1/2	3/4	1	1 1/2	2	2 1/2	3	4	6	8	10	12
	DN	15	20	25	40	50	65	80	100	150	200	250	300
H	L	152	178	203	229	267	292	318	356	445	559	622	711
	-46°C	405	405	425	460	536	565	592	652	790	900	1030	1290
	-101°C	405	405	425	460	596	630	662	722	870	980	1060	1320
Wt (kg)	-196°C	405	405	425	460	596	630	662	722	870	980	1090	1350
	W	150	150	180	200	250	250	300	300	450	450	600	650
	-46°C	10	17	19	27	42.5	55	66	106	183	345	468	770
Wt (kg)	-101°C	13	18	21	29	43.5	56	67	107	184	347	470	772
	-196°C	14	20	23	31	44.5	57	69	165	186	351	475	780

Class150

(mm)

规格 Specification	NPS	1/2	3/4	1	1 1/2	2	2 1/2	3	4	6	8	10
	DN	15	20	25	40	50	65	80	100	150	200	250
H	L	165	191	216	241	292	330	356	432	559	660	787
	-46°C	405	405	425	460	615	660	700	765	980	1480	1680
	-101°C	405	405	425	460	615	660	700	765	980	1480	1710
Wt (kg)	-196°C	405	405	425	460	655	700	740	805	1030	1530	1740
	W	150	150	180	200	250	250	400	400	550	600	750
	-46°C	16	18	20	31	46	65	84	145	313	418	980
Wt (kg)	-101°C	17	19	21	35	47	67	86	148	320	426	1000
	-196°C	18	20	23	37	48	68	88	151	327	435	1020

低温截止阀

Low Temperature Globe Valve

订货号Order unber (LCB.CF8.CF8M.CF3.CF3M)

主体材料 Material of body	压力级 Pressure class	内件代号Code of intet prts	
		22	22
		STL/STL	304/304
LCB	Class 150	DJ1R22B	DJ1R29B
	Class 300	DJ3R22B	DJ3R29B
	Class 600	DJ6A22B	DJ6A29B
	10K	DJ1K22B	DJ1K29B
	20K	DJ2K22B	DJ2K22B
CF8	Class 150	DJ1R22P	DJ1R22P
	Class 300	DJ3R22P	DJ3R22P
	Class 600	DJ6A22P	DJ6A22P
	10K	DJ1K22P	DJ1K22P
	20K	DJ2K22P	DJ2K22P
CF8M	Class 150	DJ1R22R	DJ1R22R
	Class 300	DJ3R22R	DJ3R22R
	Class 600	DJ6A22R	DJ6A22R
	10K	DJ1K22R	DJ1K22R
	20K	DJ2K22R	DJ2K22R
CF3	Class 150	DJ1R22S	DJ1R22S
	Class 300	DJ3R22S	DJ3R22S
	Class 600	DJ6R22S	DJ6A22S
	10K	DJ1K22S	DJ1K22S
	20K	DJ2K22S	DJ2K22S
CF3M	Class 150	DJ1R22L	DJ1R22L
	Class 300	DJ3R22L	DJ3R22L
	Class 600	DJ6A22L	DJ6A22L
	10K	DJ1K22L	DJ1K22L
	20K	DJ2K22L	DJ2K22L

说明: 1、如连接端为对接焊, 连接单元“R”或“A”项用“W”表示
if the end connection is butt welded the connection unit “R” or “A” is expressed by “W”
2、阀体材料“LCB”用“B”表示
The material of body “LCB” is expressed by “B”

保温截止阀

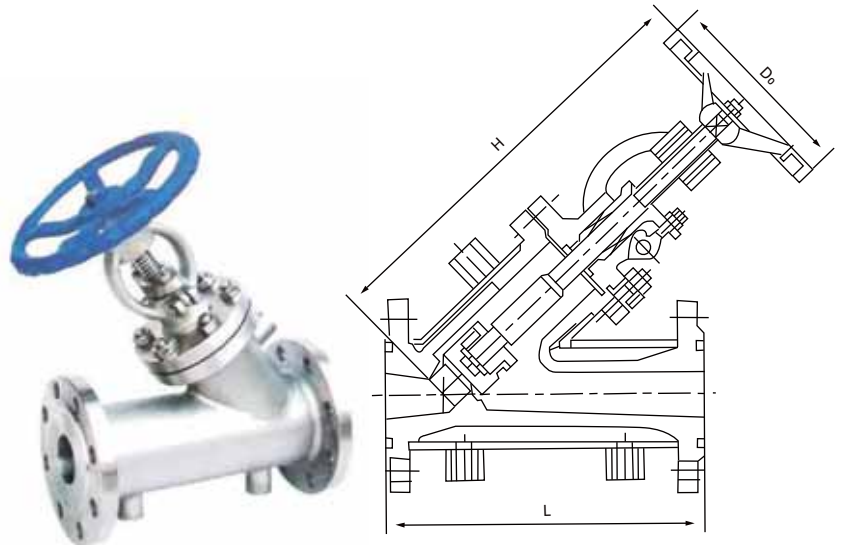
Jacket Globe Valve

应用规范

- 1、设计制造按GB12235-2007
- 2、结构长度按GB12221-2005
- 3、连接法兰按JB/T79-2000
- 4、阀门检查和试验按GB13927

Application Specification

- 1、Design manufacture according to GB12235-2007
- 2、Face to face According to GB 12221-2005
- 3、End flange Dimension According to JB/T79-2000
- 4、Valve Check and Test According to GB13927



主要零件材料及用途 Main Parts Material and Application

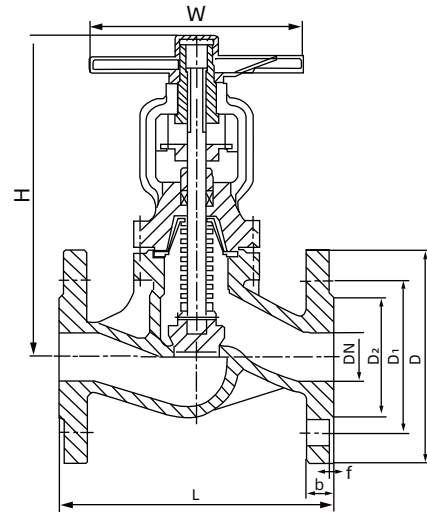
阀体 Body	阀盖 Body Cap	阀瓣 Disc	阀座 Seat	阀杆 Stem	填料 Packing	适用温度 Applicable temperature	适用介质 Applicable medium
WCB	WCB	WCB+Stellite12	25+D507Mo	2Cr13	柔性石墨 Flexible graphite	425°C	水、蒸汽、油品 Water, steam, oil
ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	PTFE编织 PTFE braiding	200°C	硝酸等腐蚀性介质 Corrosive medium like nitric acid
ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	PTFE编织 PTFE braiding	200°C	醋酸等腐蚀性介质 Acetic acid like nitric acid
ZG00Cr18Ni10	ZG00Cr18Ni10	00Cr18Ni10	00Cr18Ni10	00Cr18Ni10	PTFE编织 PTFE braiding	200°C	强氧化性介质 Medium with strong oxidizability
ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	00Cr17Ni14Mo2	00Cr17Ni14Mo2	00Cr17Ni14Mo2	PTFE编织 PTFE braiding	200°C	尿素等腐蚀性介质 Urea like nitric acid

主要尺寸和重量 Main Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200
PN1.6MPa													
L	mm	170	190	210	230	260	300	340	380	430	485	500	650
H	mm	210	253	265	320	360	370	395	425	495	580	630	840
Do	mm	140	140	160	180	200	220	260	280	300	350	400	500
法兰规格 Spec	mm	20	25	32	40	50	65	80	100	125	150	200	250
重量 Weight	kg	-	-	-	-	-	-	-	-	-	-	-	-
PN2.5-4.0MPa													
L	mm	170	190	210	230	260	300	340	380	430	485	500	650
H	mm	210	253	265	320	360	370	395	425	495	580	630	840
Do	mm	140	140	160	180	200	220	260	280	300	350	400	500
法兰规格 Spec	mm	20	25	32	40	50	65	80	100	125	150	200	250
重量 Weight	kg	-	-	-	-	-	-	-	-	-	-	-	-

德标波纹管截止阀

Globe Valve With Bellow Seal Acc.to DIN



应用规范

BB OS & Y型结构

- 1、制造标准: DIN3356
- 2、结构长度: DIN3202
- 3、法兰标准: DIN2543-2545
- 4、对焊口标准: DIN3239
- 5、试验标准: DIN3230

特点 Features

- 双层波纹管 Double walls bellow seal
- 维修方便 Maintenance-free
- 波纹管密封阀杆 Spindle with bellow seal

用途 Selection of possible applications

- 工业 Industry
- 废气净化厂 Flue gas puerification plant
- 真空装置 Vacuum facilities
- 热水 Hot water
- 加热设备 Heating technology

Application Specification

BB OS & Y Structure

- 1、Manufacture: DIN3356
- 2、Face to face: DIN3202
- 3、Flange: DIN2543-2545
- 4、Butt-wldding: DIN3239
- 5、Test: DIN3230

双重密封 Secondary sealing

位置指示 Position indicator

无升降手轮 Non-rising handwheel

电站 Power station

天然气 Gas supply

氨 Ammonia

冷冻系统 Cilding & freezing system

蒸汽系统 Steam system

主要零件材料 Main Parts Material

零件名称 Parts name	阀体 Body	阀盖 Bonner	阀杆 Stem	阀瓣 Disc	密封面 Sealing face	填料 Packing
GS-C25	GS-C25	GS-C25	13Cr	2Cr13	2Cr13	柔性石墨 Graphite
					STL	
304	CF8	CF8	304	304	304	柔性石墨 Graphite
					STL	
316	CF8M	CF8M	316	316	304	柔性石墨 Graphite
					STL	
304L	CF3	CF3	316	304L	304	柔性石墨 Graphite
					STL	
316L	CF3M	CF3M	316	316L	304	柔性石墨 Graphite
					STL	

德标波纹管截止阀

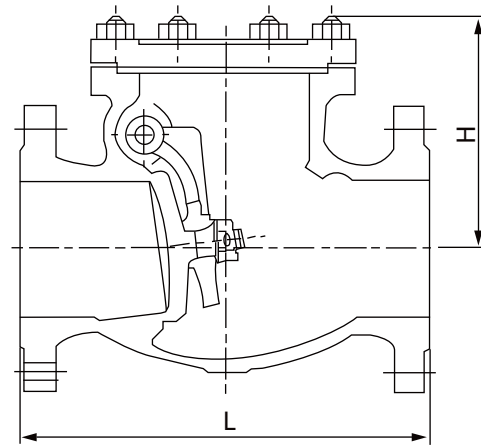
Globe Valve With Bellow Seal Acc.to DIN

主要外形尺寸和重量 Main Dimensions & Weight

公称通径 Nominal diameter	尺寸Dimension (mm)								△H (STRODE)
	L	D	D1	D2	b	f	H	n-φd	
PN1.6MPa									
15	130	95	65	45	16	2	191	4-14	6
20	150	105	75	58	18	2	191	4-14	6
25	160	115	85	68	18	2	197	4-14	8
32	180	140	100	78	18	2	200	4-18	8
40	200	150	110	88	18	3	218	4-18	13
50	230	165	125	102	20	3	220	4-18	13
65	290	185	145	122	20	3	238	4-18	16
80	310	200	160	138	20	3	257	4-18	20
100	350	220	180	158	20	3	340	4-18	25
125	400	250	210	188	22	3	360	4-18	32
150	480	285	240	212	22	3	390	8-22	40
200	600	340	295	268	24	3	530	12-22	50
PN2.5MPa									
15	130	95	65	45	16	2	191	4-14	6
20	150	105	75	58	18	2	191	4-14	6
25	160	115	85	68	18	2	197	4-14	8
32	180	140	100	78	18	2	200	4-18	8
40	200	150	110	88	18	3	218	4-18	13
50	230	165	125	102	20	3	220	4-18	13
65	290	180	145	122	22	3	238	4-18	16
80	310	200	160	138	24	3	257	4-18	20
100	350	235	190	162	24	3	340	8-22	25
125	400	270	220	188	26	3	360	8-26	32
150	480	300	250	218	28	3	390	8-26	40
200	600	360	310	278	30	3	530	12-26	50
PN4.0MPa									
15	130	95	65	45	16	2	191	4-14	6
20	150	105	75	58	18	2	191	4-14	6
25	160	115	85	68	18	2	197	4-14	8
32	180	140	100	78	18	2	200	4-18	8
40	200	150	110	88	18	3	218	4-18	13
50	230	165	125	102	20	3	220	4-18	13
65	290	180	145	122	22	3	238	4-18	16
80	310	200	160	138	24	3	257	4-18	20
100	350	235	190	162	24	3	340	8-22	25
125	400	270	220	188	26	3	360	8-26	32
150	480	300	250	218	28	3	390	8-26	40

国标旋启式止回阀

GB Swing Check Valve



应用规范

- 1、设计、制造按12236-2008
- 2、结构长度按GB12221-2005
- 3、连接法兰按JB/T 79-1999
- 4、阀门检查和试验按API STD 598

Application Specification

- 1、Design manufacture according to 12236-2008
- 2、Face to face according to GB 12221-2005
- 3、End flange dimension according to JB/T79-1999
- 4、Valve check and test according to API STD.598

主要零件材料及主要用途 Main Parts Material and Application

阀体 Body	阀盖 Cover	阀瓣 Disc	阀座 Seat	阀杆 Stem	销轴 Packing	适用介质 Applicable Medium	适用温度(≤℃) Applicable temperature
WCB	WCB	WCB+Strllite 12	25+D507Mo	WCB	25Cr2M01VA	水、蒸汽、油品 Water, Steam, oil	425℃
WC6	WC6	WC6+Strllite 12	WC6+Strllite 6	WC6	25Cr2M01VA	水、蒸汽、油品 Water, Steam, oil	540℃
WC9	WC9	WC9+Strllite 12	WC9+Strllite 6	WC9	25Cr2M01VA	水、蒸汽、油品 Water, Steam, oil	570℃
ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	1Cr18Ni9Ti	硝酸等腐蚀性介质 Corrosive medium like nitric acid	200℃
ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	硝酸等腐蚀性介质 Corrosive medium like nitric acid	200℃
ZG00Cr18Ni10	ZG00Cr18Ni10	ZG00Cr18Ni10	ZG00Cr18Ni10	ZG00Cr18Ni10	00Cr18Ni10	强氧化性介质 Strong oxidizing medium	200℃
ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	00Cr17Ni14Mo2	尿素等腐蚀性介质 Corrosion medium like urea	200℃

1.6MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500
L	mm	150	160	180	200	230	290	310	350	400	480	550	650	750	850	950	1150
H	mm	135	135	140	150	160	175	185	220	248	276	350	41	430	466	560	618
重量 Weight	kg	9	10	14	18	20.3	26	36	54.7	90.5	127.5	206	290	362	402	455	850

国标旋启式止回阀

GB Swing Check Valve

2.5MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500
L	mm	150	160	180	200	230	290	310	350	400	480	550	650	750	850	950	1150
H	mm	135	135	140	150	160	175	185	220	248	276	350	41	430	466	560	618
重量 Weight	kg	9	10	14	18	21.3	28.1	37.6	56.7	92	129.5	210	294	367	410	461	850

4.0MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500
L	mm	150	160	180	200	230	290	310	350	400	480	550	650	750	850	950	-
H	mm	243	253	280	312	321	325	355	415	460	510	700	975	1115	1250	1380	-
重量 Weight	kg	9	10	14	18	22	29	38	60.5	98	138.5	218	312	386	430	480	876

6.4MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	50	65	80	100	125	150	200	250	300	350	400	500
L	mm	300	340	38	430	500	550	650	775	900	1025	1150	1400
H	mm	192	207	207	235	265	297	357	405	465	514	568	620
重量 Weight	kg	-	-	-	-	-	-	-	-	-	-	-	-

10.0MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

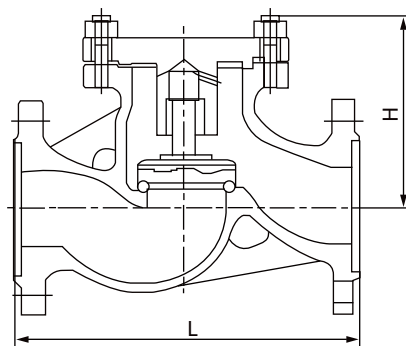
公称通径 Nominal diameter	DN	50	65	80	100	125	150	200	250	300
L	mm	300	340	380	430	500	550	650	775	900
H	mm	210	227	235	274	307	347	402	432	484
重量 Weight	kg	30	41	52	78	119	161	216	473	737

16.0MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	50	65	80	100	125	150	200
L	mm	300	340	380	430	500	550	650
H	mm	225	250	270	330	307	428	508
重量 Weight	kg	44	66	100	138	168	200	578

H41型升降止回阀

H41 Type Lift Check Valve



应用规范

- 1、设计、制造按12236-2008
- 2、结构长度按GB12221-2005
- 3、连接法兰按JB/T 79-1999
- 4、阀门检查和试验按API STD 598

Application Specification

- 1、Design manufacture according to 12236-2008
- 2、Face to face according to GB 12221-2005
- 3、End flange dimension according to JB/T79-1999
- 4、Valve check and test according to API STD.598

主体材质 Main material

CF8、CF3、CF8M、CF3M、WCB

1.6MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	650	750	850	950
H	mm	75	78	80	85	95	105	120	130	140	155	180	215	260	315	-	-
重量 Weight	kg	3	4	5	7	9	10	20	30	39	50	70	161	251	395	-	-

2.5MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	650	750	850	950
H	mm	75	78	80	85	95	105	120	130	140	155	180	215	260	315	-	-
重量 Weight	kg	3	4	5	7	9	10	20.5	32	42.5	58.5	88	182	288	425	-	-

4.0MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

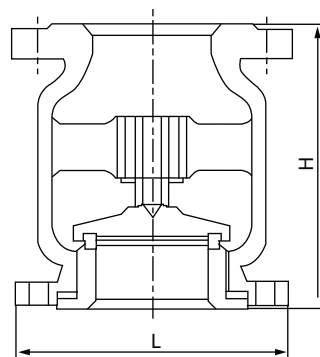
公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	650	750	850	950
H	mm	85	88	90	95	110	125	140	150	160	185	220	250	295	375	-	-
重量 Weight	kg	3.2	4.2	5.2	7.3	9.3	10	20.5	32	42.5	58.5	88	205	328	482	-	-

4.0MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	170	190	210	230	260	300	340	380	430	500	550	-	-	-	-	-
H	mm	110	110	125	152	168	170	188	205	230	-	-	-	-	-	-	-
重量 Weight	kg	9	11	13	14	20	23	37	46	68	-	-	-	-	-	-	-

H42型升降止回阀

H42 Type Lift Check Valve



应用规范

- 1、设计、制造按12236-2008
- 2、结构长度按GB12221-2005
- 3、连接法兰按JB/T 79-1999
- 4、阀门检查和试验按API STD 598

Application Specification

- 1、Design manufacture according to 12236-2008
- 2、Face to face according to GB 12221-2005
- 3、End flange dimension according to JB/T79-1999
- 4、Valve check and test according to API STD.598

主体材质 Main material

CF8、CF3、CF8M、CF3M、WCB

1.6MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	105	105	105	150	160	170	180	200	210	275	300	380	-	-	-	-
H	mm	95	105	115	135	145	160	180	195	215	245	280	335	405	460	520	580
重量 Weight	kg	-	-	-	-	-	7.9	11	12	19.5	36	47	65	-	-	-	-

2.5MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	105	105	105	150	160	170	180	200	210	275	300	380	-	-	-	950
H	mm	95	105	115	135	145	160	180	195	230	270	300	360	425	485	550	610
重量 Weight	kg	-	-	-	-	-	7.9	11	12	20	38	48	70	-	-	-	-

4.0MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	650	750	850	950
H	mm	85	88	90	95	110	125	140	150	160	185	220	250	295	375	-	-
重量 Weight	kg	3.2	4.2	5.2	7.3	9.3	10	20.5	32	42.5	58.5	88	205	328	482	-	-

4.0MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

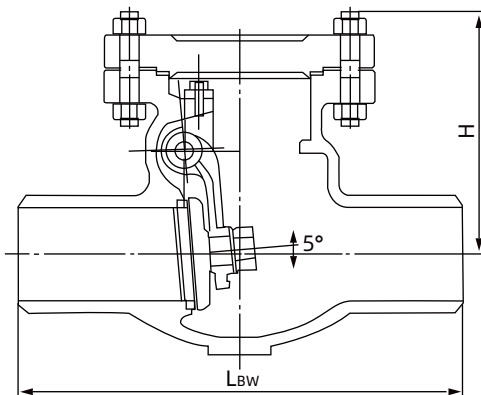
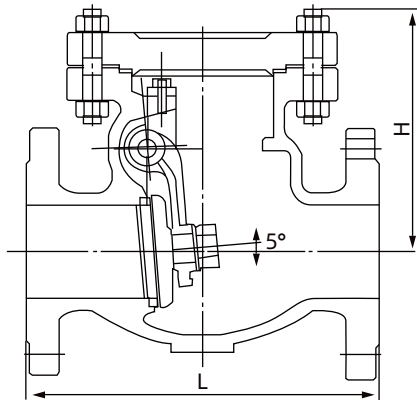
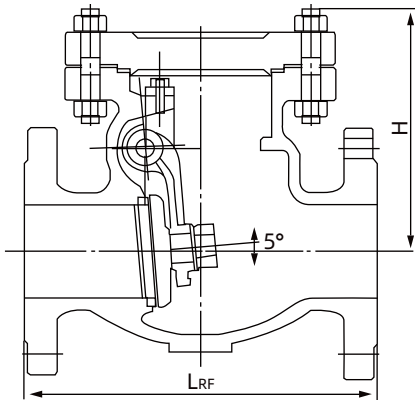
公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	105	105	105	150	160	170	180	200	210	275	300	380	-	-	-	-
H	mm	95	105	115	135	145	160	180	195	230	270	300	375	445	510	570	655
重量 Weight	kg	-	-	-	-	-	7.9	11	12	20	38	48	70	-	-	-	-

美标旋启式止回阀

API Swing Check Valve

压力等级 Pressure: Class 150~600

● 栓接阀盖 Bolted bonnet



主要外形尺寸和重量 Main Dimensions & Weight

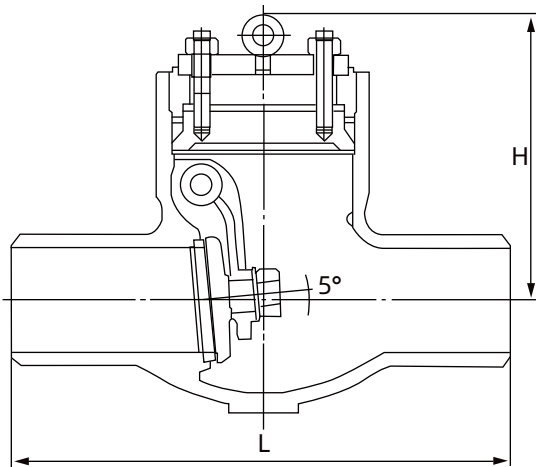
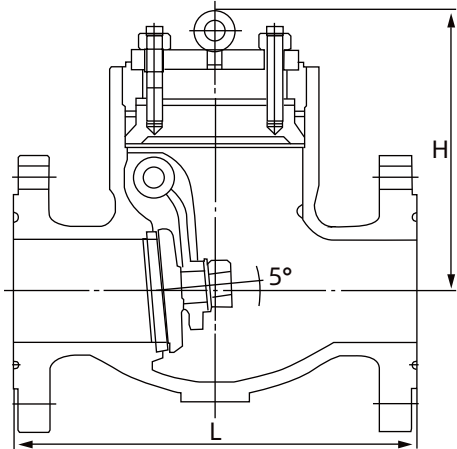
规格Size		尺寸Dimension (mm)				理论重量Weight(kg)		Cv
mm	in	LRF	Lbw	LRTT	H	RF	BW	
Class 150								
40	1 1/2	165	165	178	147	13	9	-
50	2	203	203	216	151	17	12	-
65	2 1/2	216	216	229	164	23	15	-
80	3	241	241	254	178	29	19	285
100	4	292	292	305	190	40	27	520
150	6	356	356	368	228	78	56	1245
200	8	495	495	508	292	140	104	2280
250	10	622	622	635	304	215	178	3570
300	12	699	699	711	342	295	220	5300
350	14	787	787	800	406	408	308	6500
400	16	864	864	876	508	533	413	8615
450	18	978	978	991	584	670	530	11500
500	20	978	978	991	622	1000	830	14300
600	24	1295	1295	1308	711	1950	1710	20865
650	26	1295	1295	-	762	2300	2035	25165
700	28	1448	1448	-	838	2500	2190	29513
750	30	1524	1524	-	889	2600	2244	33910
800	32	1727	1727	-	1016	2800	2345	43130
900	36	1955	1955	-	1092	3200	2613	61570
Class 300								
40	1 1/2	241	241	254	155	17	11	-
50	2	267	267	283	161	20	12	-
65	2 1/2	292	292	308	175	24	15	-
80	3	318	318	333	203	45	29	285
100	4	356	356	371	228	65	41	515
150	6	445	445	460	279	115	75	1245
200	8	533	533	549	342	215	156	2285
250	10	622	622	638	381	310	220	3575
300	12	711	711	727	431	470	350	5345
350	14	838	838	854	482	550	386	6510
400	16	864	864	879	508	870	574	8620
450	18	978	978	994	584	1025	855	11155
500	20	1016	1016	1035	660	1500	1175	13935
600	24	1346	1346	1368	762	2500	2030	20420
650	26	1346	1346	1372	762	2800	2275	25000
700	28	1499	1499	1524	889	3000	2404	28750
750	30	1594	1594	1619	977	3400	2710	33910
800	32	1727	1727	-	1016	3700	2897	42230
900	36	2083	2083	-	1143	4300	3330	61570
Class 600								
50	2	292	292	295	161	34	25	-
65	2 1/2	330	330	333	175	45	33	-
80	3	356	356	359	203	60	44	285
100	4	432	432	435	228	95	64	520
150	6	559	559	562	304	200	134	1245
200	8	660	660	664	406	275	175	2210
250	10	787	787	791	469	450	280	3600
300	12	838	838	841	533	615	415	5120
350	14	889	889	892	609	850	550	6150
400	16	991	991	994	660	1150	720	8070
450	18	1092	1092	1095	774	1620	1120	10510
500	20	1194	1194	1200	889	2000	1400	12855
600	24	1397	1397	1407	965	3100	2220	18680
650	26	1448	1448	1461	1016	3800	3010	24600
700	28	1600	1600	1613	1066	4600	3724	29950
750	30	1651	1651	1664	1168	5500	4528	34680

美标旋启式止回阀

API Swing Check Valve

压力等级 Pressure: Class 600~2500

● 压力密封阀盖 Pressure sealed bonnet

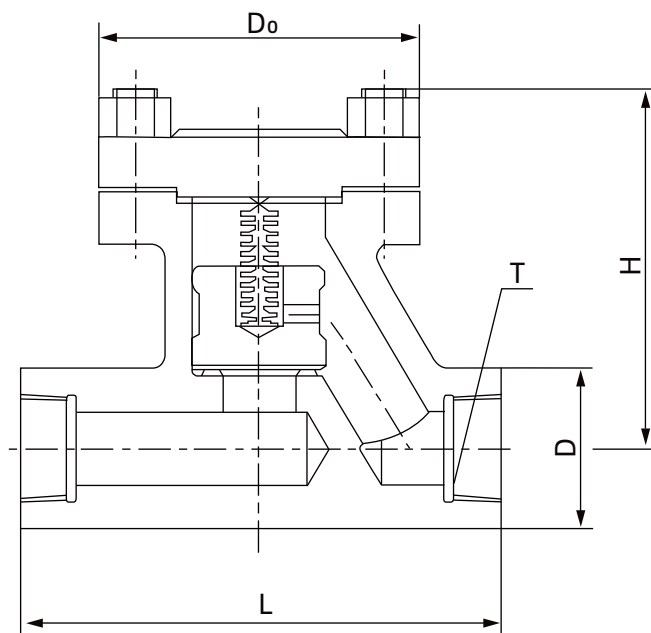


主要外形尺寸和重量 Main Dimensions & Weight

规格Size		尺寸Dimension (mm)				理论重量Weight(kg)		Cv
mm	in	L _{RF}	L _{BW}	L _{RTT}	H	RF	BW	
Class 600								
50	2	292	178	295	225	30	22	-
65	2 1/2	330	216	333	240	42	30	-
80	3	356	254	359	254	64	48	285
100	4	432	305	435	279	100	67	520
150	6	559	457	562	368	176	110	1245
200	8	660	584	664	393	305	205	2210
250	10	787	711	791	457	495	325	3400
300	12	838	812	841	584	680	480	5120
350	14	889	889	892	609	914	600	6150
400	16	991	991	994	685	1236	800	8070
450	18	1092	1092	1095	736	1994	1490	10510
500	20	1194	1194	1200	762	2293	1675	12855
600	24	1397	1397	1407	889	3180	2300	18680
650	26	1448	1448	1461	1016	3500	2710	24600
700	28	1600	1600	1613	1066	4001	3125	29950
750	30	1651	1651	1664	1168	4686	3710	34680
Class 900								
50	2	368	216	371	225	40	30	-
65	2 1/2	419	254	422	240	60	39	-
80	3	381	305	384	254	116	90	260
100	4	457	365	460	279	146	100	485
150	6	610	508	613	381	345	245	1140
200	8	737	660	740	533	595	425	2010
250	10	838	787	841	558	915	675	3140
300	12	965	914	968	609	1230	900	4590
350	14	1029	991	1038	736	1635	1125	5565
400	16	1130	1092	1140	762	2220	1600	7270
450	18	1219	1219	1232	863	2840	2000	9575
500	20	1321	1321	1334	939	3756	2700	11820
600	24	1549	1549	1568	1066	6000	4100	17020
650	26	1701	1701	1723	1143	6375	5100	-
700	28	1828	1828	1850	1193	7229	5750	-
750	30	2032	2032	2054	1270	8232	6510	-
Class 1500								
50	2	368	216	371	225	68	48	-
65	2 1/2	419	254	422	240	97	65	-
80	3	470	305	473	254	112	90	240
100	4	546	405	549	279	177	115	425
150	6	705	559	711	405	395	250	1000
200	8	832	711	841	567	710	470	1750
250	10	991	864	1000	585	1210	800	2735
300	12	1130	991	1146	630	1970	1350	3990
350	14	1257	1067	1276	750	2600	1800	4800
400	16	1384	1194	1407	787	3250	2200	6265
450	18	1537	1537	1559	885	3960	2600	8255
500	20	1664	1664	1686	960	4400	2700	10350
600	24	1943	1943	1972	1120	6800	4100	14865
Class 2500								
50	2	451	279	454	225	118	80	-
65	2 1/2	508	330	515	249	150	102	-
80	3	578	368	584	254	204	120	115
100	4	673	457	683	279	352	220	195
150	6	914	610	927	420	880	540	475
200	8	1022	762	1038	570	1440	920	850
250	10	1270	914	1292	1010	2652	1692	1350
300	12	1422	1041	1445	1160	3756	2296	1970

内螺纹升降式锻钢止回阀

Female Thread Lift-type Forged Steel Check Valve



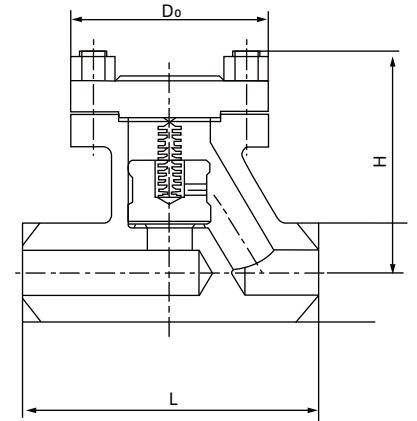
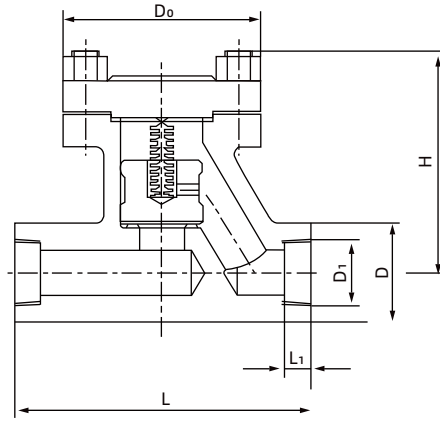
主要外形尺寸和重量 Main Dimensions & Weight

公称通径 Nominal diameter	椎管螺纹 MRC/in	尺寸Dimension (mm)				重量 Weight (kg)
		L	D	Do	H	
PN1.6/2.5/4.0MPa						
15	RC1/2	110	34	90	77	2.0
20	RC3/4	130	40	100	77	2.5
25	RC1	140	48	105	80	6
32	RC1 1/4	160	58	125	85	4
40	RC1 1/2	180	67	135	95	6
50	RC2	200	77	150	105	9

公称通径 Nominal diameter	椎管螺纹 MRC/in	尺寸Dimension (mm)				重量 Weight (kg)
		L	D	Do	H	
PN6.4/10.0/16.0MPa						
15	RC1/2	110	34	95	77	2.5
20	RC3/4	130	40	105	77	3
25	RC1	140	48	110	80	3.5
32	RC1 1/4	160	58	135	85	4.5
40	RC1 1/2	180	67	140	95	6.5
50	RC2	200	77	155	105	9.5

焊接升降式锻钢止回阀

Weld Lift-type Forged Steel Check Valve



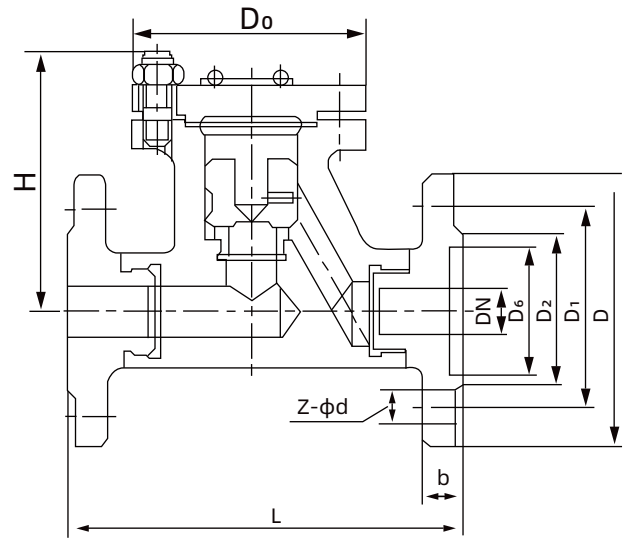
主要外形尺寸和重量 Main Dimensions & Weight

公称通径 Nominal diameter	尺寸Dimension (mm)						重量 Weight (kg)
	L	L1	D1	D2	H	D0	
PN1.6/2.5/4.0MPa							
15	110	10	22.5	34	77	90	2.0
20	130	11	28.5	40	77	100	2.5
25	140	12	34.5	48	80	105	6
32	160	13	43	52	85	125	4
40	180	14	49	62	95	135	6
50	200	14	61.5	75	105	150	9

公称通径 Nominal diameter	尺寸Dimension (mm)						重量 Weight (kg)
	L	L1	D1	D2	H	D0	
PN6.4/10.0/16.0MPa							
15	110	10	22.5	34	77	90	2.5
20	130	11	28.5	40	77	100	3
25	140	12	34.5	48	80	105	3.5
32	160	13	43	52	85	125	4.5
40	180	14	49	62	95	135	6.5
50	200	14	61.5	75	105	150	9.5

升降式锻钢止回阀

Lift-type Forged Steel Check Valve



应用规范

- 1、设计、制造按GB12235-2008
- 2、结构长度按GB12221
- 3、连接法兰按JB79
- 4、阀门检查和试验按API 598
- 5、结构特征：B.B；升降式
- 6、主体材料：A105；F5；F11；304L；316；316L；LF2等

Application Specification

- 1、Design manufacture according to GB 12235-2007
- 2、Face to face according to GB 12221
- 3、flange ends according to JB79
- 4、Valve check and test according to API 598
- 5、Structure:B.B;lift
- 6、Main material:A105； F5；F11；304L；316；316L；LF2 etc.

主要外形尺寸和重量 Main Dimensions & Weight

公称通径 Nominal diameter	尺寸Dimension (mm)							重量 Weight (kg)
	L	D	D1	D2	Z-φd	b-f	H	
PN1.6MPa								
10	130	90	60	40	4-14	16-2	77	3
15	130	95	65	45	4-14	14-2	77	3
20	150	105	75	55	4-14	14-2	77	4
25	160	115	85	65	4-14	14-2	80	5
32	180	135	100	78	4-18	16-2	85	7
40	200	145	110	85	4-18	16-2	95	9
50	230	160	125	100	4-18	16-2	105	10

公称通径 Nominal diameter	尺寸Dimension (mm)							重量 Weight (kg)
	L	D	D1	D2	Z-φd	b-f	H	
PN2.5MPa								
10	130	90	60	40	4-14	16-2	80	3
15	130	95	65	45	4-14	14-2	80	3.4
20	150	105	75	55	4-14	14-2	100	5
25	160	115	85	65	4-14	14-2	110	5.6
32	180	135	100	78	4-18	18-2	120	9.1
40	200	145	110	85	4-18	16-2	140	11.8
50	230	160	125	100	4-18	20-2	145	14.4

升降式锻钢止回阀

Lift-type Forged Steel Check Valve

主要外形尺寸和重量 Main Dimensions & Weight

公称通径 Nominal diameter	尺寸Dimension (mm)								重量 Weight (kg)
	L	D	D1	D2	D3	Z-φd	b-f	H	
PN4.0MPa									
10	130	90	60	40	-	4-14	16-2	80	3
15	130	95	65	45	40	4-14	16-2	80	3.4
20	150	105	75	55	51	4-14	16-2	100	5
25	160	115	85	65	58	4-14	16-2	110	5.6
32	180	135	100	78	66	4-18	18-2	120	9.1
40	200	145	110	85	76	4-18	18-2	140	11.8
50	230	160	125	100	88	4-18	20-2	145	14.4

主要外形尺寸和重量 Main Dimensions & Weight

公称通径 Nominal diameter	尺寸Dimension (mm)								重量 Weight (kg)
	L	D	D1	D2	D3	Z-φd	b-f	H	
PN6.4MPa									
10	170	100	70	50	-	4-14	18-2	85	5.5
15	170	105	75	55	40	4-14	18-2	85	7
20	190	125	90	68	51	4-18	20-2	110	11
25	210	135	100	78	58	4-18	22-2	125	13
32	230	150	110	82	66	4-23	24-2	152	14
40	260	165	125	95	76	4-23	24-3	168	20
50	300	175	135	105	88	4-23	26-3	170	23

主要外形尺寸和重量 Main Dimensions & Weight

公称通径 Nominal diameter	尺寸Dimension (mm)								重量 Weight (kg)
	L	D	D1	D2	D3	Z-φd	b-f	H	
PN10.0MPa									
10	170	100	70	50	-	4-14	20-2	85	5.5
15	170	105	75	55	40	4-14	20-2	85	7
20	190	125	90	68	51	4-18	22-2	110	11
25	210	135	100	78	58	4-18	24-2	125	13
32	230	150	110	82	66	4-23	24-2	152	14
40	260	165	125	95	76	4-23	26-2	170	25
50	300	195	145	112	88	4-25	28-2	185	28

对夹式止回阀

Wafer Type Check Valve

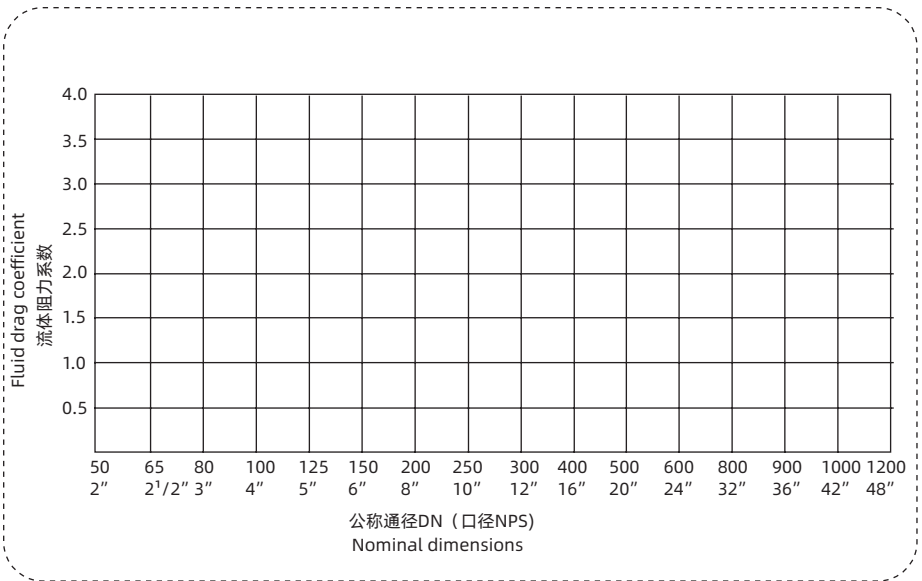
水的当体积流量V_w与实际流体的体积流量V按下式换算： $V_w = \sqrt{\frac{\rho}{1000}} \cdot V$

式中：V_w-水的当量体积流量，l/s
 ρ-流体密度，kg/mm³
 V-实际流体的体积流量，l/s.

The conversion of water dquivalent volume flow rate (V_w)

$$V_w = \sqrt{\frac{\rho}{1000}} \cdot V$$

式中：V_w - is the water equivalent, l/s
 ρ- is the density of fluid, kg/mm³
 V - is the actual volume flow, l/s



公称通径DN		阀门全开启时的 流体阻力系数 The fluid drag coefficient when the valve is widely poen	常温下阀门全开启时的水流量系数 The water flow coefficient of room temperature when the valve is widely open			流体的流向Flow direction	
DN	NPS		Kv(m ³ /h)	Cv(U.S)	Cv(U.K)	↑	→
						开启压力近似值KPa The pressure approximation of opening	
50	2	2.6	63	74	62	2	1
65	2 1/2	2.4	109	128	107	2	1
80	3	2.3	172	201	169	2	1
100	4	2.0	289	338	283	2	1
125	5	1.8	476	557	466	2	1
150	6	1.5	750	878	735	2	1
200	8	1.3	1432	1675	1403	2	1
250	10	1.2	2330	2726	2283	2	1
300	12	1.0	3676	4301	3602	2	1
350	14	0.9	5274	6171	5169	2	1
400	16	0.8	7306	8548	7160	3	1
450	18	0.8	9246	10818	9061	3	1
500	20	0.8	11415	13356	11187	3	1
600	24	0.7	17573	20560	17222	3	1
700	28	0.7	23919	27985	23441	4	1
750	30	0.7	27458	32126	26909	4	1
800	32	0.7	31241	36552	30616	4	1
900	36	0.7	39539	46261	38748	4	1
1000	40	0.7	48814	57112	47838	4	1
1050	42	0.7	53817	62966	52741	4	1
1200	48	0.7	70292	82242	68886	4	1

对夹式止回阀

Wafer Type Check Valve

水的当体积流量Vw与实际流体的体积流量V按下式换算：

The conversion of water dquivalent volume flow rate (Vw)

$$V_w = \sqrt{\frac{\rho}{1000}} \cdot V$$

式中：Vw-水的当量体积流量，l/s

ρ-流体密度，kg/mm³

V-实际流体的体积流量，l/s.

式中：Vw - is the water equivalent, l/s

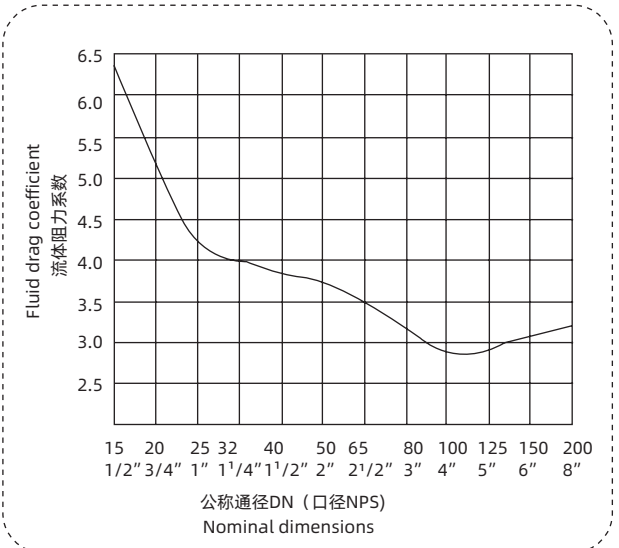
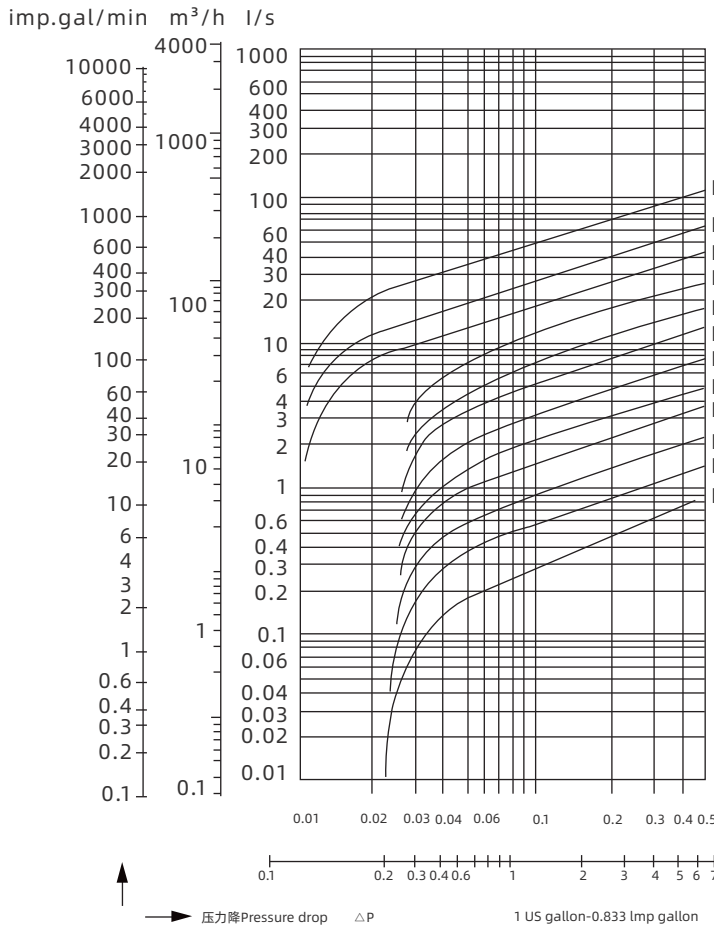
ρ- is the density of fluid, kg/mm³

V - is the actual volume flow, l/s

流体力学性能Mechanical properties of fluid

H71型对夹升降式止回阀流体阻力系数

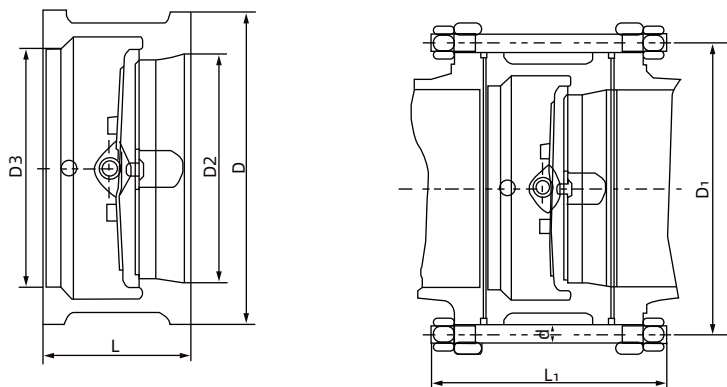
The fluid drag coefficient of h71 wafer type lift check valve



公称口径DN		阀门全开启时的 流体阻力系数 The fluid drag coefficient when the valve is widely poen	常温下阀门全开启时的水流量系数 The water flow coefficient of room temperature when the valve is widely open			流体的流向Flow direction		
DN	NPS		Kv(m ³ /h)	Cv(U.S)	Cv(U.K)	↑	↓	→
						开启压力近似值KPa The pressure approximation of opening		
15	1/2	6.4	2.6	3.0	2.5	3	2	2.5
20	3/4	5.1	6.4	7.5	6.3	3	2	2.5
25	1	4.1	12.6	14.8	12.3	3	2	2.5
32	1 ¹ / ₄	4.1	19.7	23.1	19.3	3	2	2.5
40	1 ¹ / ₂	3.8	29.5	34.5	28.9	3	2	2.5
50	2	3.5	54.6	63.9	53.5	3	2	2.5
65	2 ¹ / ₂	3.5	85.4	99.9	83.7	3	2	2.5
80	3	3.2	128	150	125	3	2	2.5
100	4	2.8	244	286	249	3	2	2.5
125	5	2.9	375	439	368	3	1	2.2
150	6	3.1	522	611	512	3	1	2.2
200	8	3.2	915	1070	897	3	1	2.2
250	10	31	1295	1465	1198	3	1	2.2

H76型对夹双瓣旋启式止回阀

H76 Wafer Type Double Disc Swing Check Valve



主要外形尺寸和重量 Main Dimensions & Weight

公称通径 DN(mm)	尺寸Dimensions(mm)				重量(kg) Weight	配管法兰(供参考)Pipeline flange(FYI)				
	L	D	D3	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Number of the bolt	螺栓长度L1 length of bolt	
PN1.0MPa										
50	60	108	56	51	2	125	4	M16	150	
65	67	128	73	65	3	145	4	M16	155	
80	73	142	88	80	4	160	8	M16	160	
100	73	162	108	102	6	180	8	M16	165	
125	86	192	132	127	8	210	8	M16	180	
150	98	218	160	152	13	240	8	M20	205	
200	127	273	210	203	24	295	8	M20	235	
250	146	328	266	254	35	350	12	M20	255	
300	181	378	310	305	48	400	12	M20	290	
350	184	438	355	350	78	460	16	M20	295	
400	191	489	405	400	106	515	16	M24	310	
450	203	539	455	450	135	565	20	M24	325	
500	219	594	505	500	165	620	20	M24	345	
600	222	696	605	600	260	725	20	M27	355	
700	305	811	700	695	360	840	24	M27	440	
800	305	918	800	796	540	950	24	M30	450	
900	368	1018	903	898	620	1050	28	M30	520	
1000	432	1124	1055	1050	880	1160	28	M33	590	
1200	524	1340	1205	1200	1380	1380	32	M36	695	
PN1.6MPa										
50	60	108	56	51	2	125	4	M16	150	
65	67	128	73	65	3	145	4	M16	155	
80	73	142	88	80	4	160	8	M16	160	
100	73	162	108	102	6	180	8	M16	165	
125	86	192	132	127	8	210	8	M16	180	
150	98	218	160	152	13	240	8	M20	205	
200	127	273	210	203	24	295	12	M20	235	
250	146	329	266	254	37	355	12	M24	265	
300	181	384	310	305	50	410	12	M24	305	
350	184	444	355	350	80	470	16	M24	310	
400	191	498	405	400	110	525	16	M27	330	
450	203	558	455	450	145	585	20	M27	345	
500	219	618	505	500	180	650	20	M30	370	
600	222	732	605	600	280	770	20	M33	380	
700	305	802	700	695	380	840	24	M33	470	
800	305	912	800	796	560	950	24	M36	475	
900	368	1012	903	898	640	1050	28	M36	545	
1000	432	1126	1055	1050	900	1170	28	M39	620	
1200	524	1340	1205	1200	140	1390	32	M45	735	

H76型对夹双瓣旋启式止回阀

H76 Wafer Type Double Disc Swing Check Valve

主要外形尺寸和重量 Main Dimensions & Weight

公称通径 DN(mm)	尺寸Dimensions(mm)				重量(kg) Weight	配管法兰(供参考)Pipeline flange(FYI)			
	L	D	D3	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Number of the bolt	螺栓长度L1 length of bolt
PN2.5MPa									
50	60	108	56	51	2	125	4	M16	150
65	67	128	73	65	3	145	8	M16	160
80	73	142	88	80	4	160	8	M16	170
100	73	168	108	102	6	190	8	M20	180
125	86	194	132	127	8	220	8	M24	205
150	98	224	160	152	14	250	8	M24	220
200	127	284	210	203	27	310	12	M24	255
250	146	341	266	254	42	370	12	M27	285
300	181	401	310	305	54	430	16	M27	325
350	184	458	355	350	86	490	16	M30	340
400	191	515	405	400	120	550	16	M33	360
450	203	565	455	450	150	600	20	M33	375
500	219	622	505	500	200	660	20	M33	395
600	222	732	605	600	340	770	20	M36	410
700	305	831	700	695	400	875	24	M39	500
800	305	942	800	796	580	990	24	M45	520
900	368	1040	903	898	660	1090	28	M45	590
1000	432	1155	1055	1050	960	1210	28	M52	675
1200	524	1365	1205	1200	1440	1420	32	M52	790
PN4.0MPa									
50	60	108	58	51	3	125	4	M16	150
65	67	128	73	65	4	145	8	M16	160
80	73	142	88	80	6	160	8	M16	170
100	73	168	108	105	8	190	8	M20	180
125	86	194	132	127	13	220	8	M24	205
150	98	224	160	152	16	250	8	M24	220
200	127	291	210	203	28	320	12	M27	270
250	146	353	266	254	49	385	12	M30	300
300	181	418	310	305	76	405	16	M30	345
350	222	475	355	350	114	510	16	M33	400
400	232	547	405	400	190	585	16	M36	425
450	264	572	455	450	200	610	20	M36	470
500	292	626	505	500	260	670	20	M39	505
600	318	745	608	600	404	795	20	M45	575
PN6.4MPa									
50	60	114	58	51	4	135	4	M20	170
65	67	138	73	65	5	160	8	M20	180
80	73	148	88	80	7	170	8	M20	190
100	79	174	108	102	10	200	8	M24	210
125	105	211	132	127	16	240	8	M27	250
150	136	248	162	152	20	280	8	M30	290
200	165	310	212	200	38	345	12	M33	340
250	213	362	266	250	62	400	12	M33	400
300	229	422	310	305	100	460	16	M33	420
350	273	487	355	350	160	525	16	M36	480
400	305	541	405	400	260	585	16	M39	530

H76型对夹双瓣旋启式止回阀

H76 Wafer Type Double Disc Swing Check Valve

主要外形尺寸和重量 Main Dimensions & Weight

公称通径 DN(mm)	尺寸Dimensions(mm)				重量(kg) Weight	配管法兰(供参考)Pipeline flange(FYI)			
	L	D	D3	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Number of the bolt	螺栓长度L1 length of bolt
PN10.0MPa									
50	60	120	58	51	5	145	4	M24	190
65	67	144	73	65	7	170	8	M24	200
80	73	154	88	80	10	180	8	M24	210
100	79	181	108	102	12	210	8	M27	230
125	105	218	132	127	19	250	8	M30	270
150	136	258	162	152	25	290	12	M30	310
200	165	324	212	200	56	360	12	M33	360
250	213	392	266	250	94	430	12	M36	430
300	229	456	312	305	142	500	16	M39	470
350	273	510	355	350	230	560	16	M45	540
400	305	570	405	400	366	620	16	M45	590
PN16.0MPa									
50	70	142	56	51	8	165	8	M22	220
65	83	162	73	65	11	190	8	M27	260
80	83	176	90	80	16	205	8	M27	265
100	102	208	108	102	19	240	8	M30	295
125	110	247	136	127	33	285	8	M36	350
150	159	280	162	150	40	318	12	M36	405
200	206	356	212	203	84	400	12	M42	490
250	241	435	266	250	146	485	12	M48	555
300	292	520	312	305	230	570	16	M48	640
PN20.0MPa									
50	70	136	56	51	8	160	8	M22	230
65	83	174	73	65	16	203	8	M27	270
80	83	195	90	80	22	230	8	M30	285
100	102	254	108	102	35	292	8	M36	345
125	110	280	136	127	50	318	12	M36	375
150	159	316	162	152	78	360	12	M42	450
200	206	391	212	203	120	440	12	M48	530
250	248	518	266	254	220	572	16	M52	625
PN25.0MPa									
50	70	124	56	51	80	150	8	M24	230
65	83	154	73	65	14	180	8	M24	250
80	83	171	90	80	20	200	8	M27	265
100	102	203	108	102	28	235	8	M30	305
125	110	243	136	127	44	275	12	M30	325
150	159	285	162	152	70	320	12	M33	405
200	206	359	212	203	110	400	12	M36	490
250	248	443	266	254	200	490	16	M45	580
300	305	540	312	305	350	590	16	M48	695

H76型对夹双瓣旋启式止回阀

H76 Wafer Type Double Disc Swing Check Valve

主要外形尺寸和重量 Main Dimensions & Weight

口径Bore		尺寸Dimensions(mm)				重量(kg) Weight	配管法兰(供参考)Pipeline flange(FYI)				
NPS	DN	L	D	D3	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Number of the bolt		螺栓长度L1 length of bolt
Class150 PN2.0MPa											
11/2	40	60	83	45	38	2	95.5	4	1/2	M14	145
2	50	60	103	56	51	2	120.5	4	5/8	M16	155
2 1/2	65	67	122	73	65	3	139.5	4	5/8	M16	165
3	80	73	135	88	80	4	152.5	4	5/8	M16	175
4	100	73	173	108	102	6	190.5	8	5/8	M16	185
5	125	86	195	132	127	8	216.5	8	3/4	M20	205
6	150	98	220	160	152	13	241.5	8	3/4	M20	220
8	200	127	277	210	203	25	298.5	8	3/4	M20	225
10	250	146	337	266	254	39	362.0	12	7/8	M24	285
12	300	181	407	310	305	54	432.0	12	7/8	M24	325
14	350	184	448	355	350	80	476.0	12	1	M27	340
16	400	191	512	405	400	117	540.0	16	1	M27	355
18	450	203	547	455	450	138	578.0	16	1 1/8	M30	380
20	500	219	604	505	500	163	635.0	20	1 1/8	M30	400
24	600	222	715	605	600	331	749.5	20	1 1/4	M33	420
26	650	222	722	650	630	360	744.5	36	3/4	M20	-
28	700	305	773	700	700	380	795.5	40	3/4	M20	-
30	750	305	824	750	746	425	846.0	44	3/4	M20	-
32	800	305	878	800	796	560	900.0	48	3/4	M20	-
36	900	368	983	894	874	640	1009.5	44	7/8	M24	-
40	1000	432	1090	985	976	870	1120.5	44	1	M27	-
42	1050	432	1142	1055	1050	960	1171.5	48	1	M27	-
44	1100	432	1193	1070	1070	1150	1222	52	1	M27	-
48	1200	524	1302	1205	1200	1400	1335.0	44	1 1/8	M30	-
54	1350	591	1460	1315	1312	2245	1492	56	1 1/8	M30	-
56	1400	591	1512	1370	1360	2830	1543	60	1 1/8	M30	-
60	1500	660	1628	1470	1458	3200	1662	52	1 1/4	M33	-
66	1650	787	1881	1663	1630	5345	1930.5	52	1 1/4	M45*3	-
72	1800	851	2046	1818	1780	6100	2095.5	60	1 1/4	M45*3	-
78	1950	927	2204	1973	1930	8185	2260.5	64	2	M52*3	-
84	2100	1041	2369	2115	2080	10220	2425.0	64	2	M52*3	-

H76型对夹双瓣旋启式止回阀

H76 Wafer Type Double Disc Swing Check Valve

主要外形尺寸和重量 Main Dimensions & Weight

口径Bore		尺寸Dimensions(mm)				重量(kg) Weight	配管法兰(供参考)Pipeline flange(FYI)				
NPS	DN	L	D	D3	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Number of the bolt in mm		螺栓长度L1 length of bolt
Class300 PN5.0MPa											
2	50	60	110	58	51	3	127.0	8	5/8	M16	175
2 ¹ / ₂	65	67	128	73	65	4	149.0	8	3/4	M20	195
3	80	73	147	88	80	6	168.5	8	3/4	M20	210
4	100	73	179	108	102	8	200.0	8	3/4	M20	215
5	125	86	214	132	127	15	235.0	8	3/4	M20	235
6	150	98	249	160	152	18	270.0	12	3/4	M20	250
8	200	127	305	210	203	31	330.0	12	7/8	M24	300
10	250	146	359	266	254	51	387.5	16	1	M27	335
12	300	181	420	310	305	77	451.0	16	1 1/8	M30	385
14	350	222	478	355	350	117	514.5	20	1 1/8	M30	430
16	400	232	537	405	400	190	571.5	20	1 1/4	M33	455
18	450	264	594	455	450	200	628.5	24	1 1/4	M33	495
20	500	292	652	505	500	265	686.0	24	1 1/4	M33	535
24	600	318	772	608	600	410	813.0	24	1 1/2	M39x3	585
26	650	356	767	640	633	565	803	32	1 1/4	M33	-
28	700	368	821	685	685	585	587	36	1 1/4	M33	-
30	750	368	882	740	735	660	921.0	36	1 3/8	M36x3	-
32	800	368	936	784	784	970	978	32	1 1/2	M39x3	-
36	900	483	1044	880	873	1020	1089.0	32	1 5/8	M42x3	-
40	1000	546	1146	985	976	1420	1191	40	1 5/8	M43x3	-
42	1050	568	1196	1045	1035	1540	1244.5	36	1 3/4	M45x3	-
48	1200	629	1365	1190	1166	2260	1416.0	40	1 7/8	M48x3	-
54	1350	718	1526	1315	1312	3102	1578	48	1 7/8	M48x3	-
60	1500	838	1704	1470	1458	4315	1768	40	2 1/4	M56x3	-
Class600 PN11.0MPa											
2	50	60	110	58	51	4	127.0	8	5/8	M16	180
2 ¹ / ₂	65	67	128	73	65	5	149.0	8	3/4	M20	200
3	80	73	147	88	80	8	168.5	8	3/4	M20	215
4	100	79	191	108	102	11	216.0	8	7/8	M24	240
5	125	105	239	136	127	20	267.0	8	1	M27	285
6	150	136	264	162	152	26	292.0	12	1	M27	325
8	200	165	318	212	200	55	349.0	12	1 1/8	M30	375
10	250	213	398	266	250	95	432.0	16	1 1/4	M33	445
12	300	229	455	312	305	140	489.0	20	1 1/4	M33	465
14	350	273	490	355	337	223	527.0	20	1 3/8	M36x3	525
16	400	305	562	400	387	360	603.0	20	1 1/2	M39x3	580
18	450	362	610	450	438	395	654.0	20	1 5/8	M42x3	655
20	500	368	680	500	489	518	724.0	24	1 5/8	M42x3	670
24	600	438	786	600	591	836	838.0	24	1 7/8	M48x3	795
26	650	457	847	640	633	980	914.5	28	1 7/8	M48x3	810
28	700	483	883	690	684	1250	968	28	2	M52x3	850
30	750	505	947	740	735	1420	1022.5	28	2	M52x3	905
32	800	533	1000	784	779	1700	1079.5	28	2 1/4	M56x3	925
36	900	635	1100	880	874	2200	1194	28	2 1/2	M64x3	1055
40	1000	660	1160	985	976	2650	1213	32	2 1/4	M56x3	-
42	1050	702	1212	1030	1020	3135	1283	28	2 1/2	M64x3	-
48	1200	787	1374	1170	1166	3755	1460.5	32	2 3/4	M70x3	-

H76型对夹双瓣旋启式止回阀

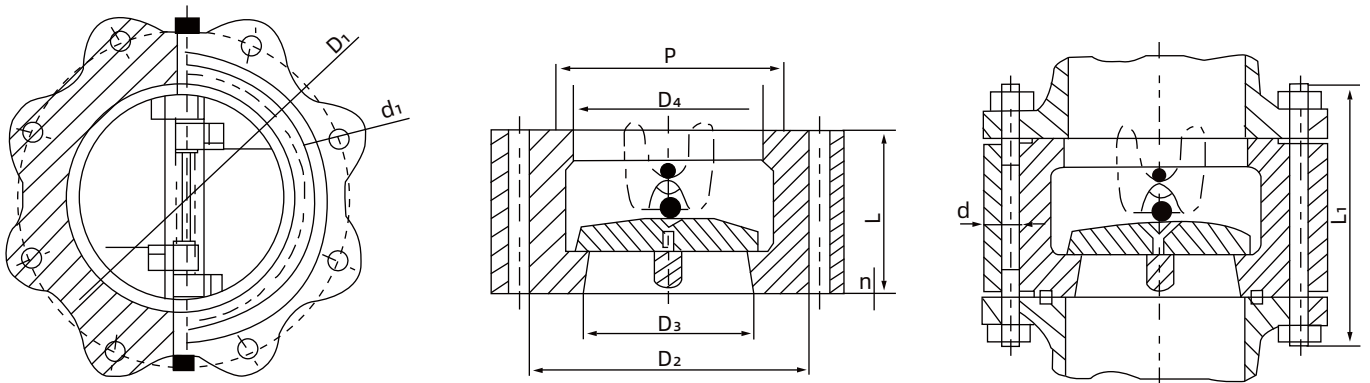
H76 Wafer Type Double Disc Swing Check Valve

主要外形尺寸和重量 Main Dimensions & Weight

口径Bore		尺寸Dimensions(mm)				重量(kg) Weight	配管法兰(供参考)Pipeline flange(FYI)				
NPS	DN	L	D	D3	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Number of the bolt		螺栓长度L1 length of bolt
								in	mm		
Class900 PN15.0MPa											
2	50	70	140	58	51	8	165.0	8	7/8	M24	230
2 ^{1/2}	65	83	162	73	65	11	1490.5	8	1	M27	255
3	80	83	165	90	80	14	190.5	8	7/8	M24	245
4	100	102	204	108	102	20	235.0	8	11/8	M30	290
5	125	110	245	136	127	30	279.5	8	11/4	M33	315
6	150	159	286	162	150	42	317.5	12	11/8	M30	370
8	200	206	356	212	200	84	393.5	12	13/8	M36x33	445
10	250	241	432	266	250	145	470.0	16	13/8	M36x3	495
12	300	292	495	312	305	220	533.5	20	13/8	M36x3	565
14	350	356	518	355	337	350	559.0	20	11/2	M39x3	655
16	400	384	572	400	387	470	616.0	20	15/8	M42x3	695
18	450	451	635	450	438	605	686.0	20	17/8	M48x3	805
20	500	451	695	496	487	820	749.35	20	2	M52x3	825
24	600	495	835	600	591	1050	901.5	20	21/2	M64x3	965
26	650	533	879	630	617	1200	952.5	20	23/4	M70x3	995
28	700	572	943	680	665	1460	1022.5	20	3	M76x3	1055
30	750	635	1006	735	712	1600	1086	20	3	M76x3	1130
32	800	660	1070	784	760	2050	1155.5	20	31/4	M82x3	1185
36	900	718	1195	865	855	2607	1289	20	31/2	M90x3	1285
40	1000	762	1246	965	950	2930	1340	24	31/2	M90x3	-
42	1050	787	1296	1015	995	3310	1390.5	24	31/2	M90x3	-
48	1200	851	1483	1160	1140	4415	1587.5	24	4	M100x3	-
Class1500 PN26.0MPa											
2	50	70	140	58	51	8	165.0	8	7/8	M24	230
2 ^{1/2}	65	83	162	73	65	11	190.5	8	1	M27	255
3	80	83	172	90	80	19	203.0	8	11/8	M30	275
4	100	102	207	108	102	26	241.5	8	11/4	M33	315
5	125	110	252	136	127	51	292.0	8	11/2	M39x3	375
6	150	159	280	162	150	68	317.5	12	13/8	M36x3	440
8	200	206	350	212	200	130	393.5	12	15/8	M42x33	520
10	250	248	433	266	254	210	482.5	12	17/8	M48x3	610
12	300	305	518	312	305	384	571.5	16	2	M52x3	715
14	350	356	576	355	337	550	635.0	16	21/4	M56x3	800
16	400	384	639	400	387	635	705.0	16	21/2	M64x3	880
18	450	468	701	438	430	790	774.5	16	13/4	M70x3	950
20	500	533	756	487	478	1275	832	16	3	M76x3	1095
24	600	559	897	578	570	2710	990.5	16	31/2	M90x3	1205
Class2500 PN42.0MPa											
2	50	70	143	48	42	10	171.5	8	1	M27	260
2 ^{1/2}	65	83	166	528	52	18	197.0	8	11/8	M30	305
3	80	86	194	68	62	26	228.5	8	11/7	M33	330
4	100	105	232	94	88	40	273.0	8	11/2	M39x3	380
5	125	110	270	106	100	59	324.0	8	13/4	M45x3	435
6	150	159	315	162	150	90	368.5	8	2	M52x3	530
8	200	206	385	186	180	150	438.0	12	2	M52x3	620
10	250	254	474	232	225	240	539.5	12	21/2	M64x3	775
12	300	305	547	272	266	440	619.0	12	23/4	M70x3	882

(铸件壳体H76型) 凸耳对夹双瓣旋启式止回阀

(Casting shell H76 type) Convex Wafer Type Double Swing Check Valve



主要外形尺寸和重量 Main Dimensions & Weight

口径Bore		尺寸Dimensions(mm)										配管法兰(供参考)Pipeline flange(FYI)						
NPS	DN	L	D	D2		D3	D4	P	螺栓直径d1 Number of the bolt		N	重量 (kg) Weight	螺栓直径d1 Number of the bolt		螺栓长度L1 length of bolt			
				RF	RJ				in	mm			in	mm	RF	RJ		
Class150 PN2.0MPa																		
2	50	60	120.5	92	102	51	56	82.55	4	384	19	1.6	4	4	5/8	M16	140	155
2 ^{1/2}	65	67	139.5	105	121	65	73	101.6	4	3/4	19	1.6	5.5	4	5/8	M16	150	165
3	80	73	152.5	127	133	80	88	114.3	4	3/4	19	1.6	7	4	5/8	M16	160	175
4	100	73	190.5	157	171	102	108	149.225	8	3/4	19	1.6	11	8	5/8	M16	170	185
5	125	86	216	186	194	127	132	171.45	8	7/8	22	1.6	15	8	3/4	M20	190	205
6	150	98	241.5	216	219	152	160	193.675	8	7/8	22	1.6	19	8	3/4	M20	205	220
8	200	127	298.5	270	273	203	210	247.65	8	7/8	22	1.6	36	8	3/4	M20	240	255
10	250	146	362	324	330	254	266	304.81	12	1	25	1.6	61	12	7/8	M24	270	285
12	300	181	432	381	406	305	310	381.001	12	1	25	1.6	119	12	7/8	M24	310	325
14	350	184	476	413	425	350	355	396.876	12	1 1/8	29	1.6	161	12	1	M27	325	340
16	400	191	540	470	483	400	405	454.026	16	1 1/8	29	1.6	180	16	1	M27	340	355
18	450	203	578	533	546	450	455	517.526	16	1 1/4	32	1.6	203	16	1 1/8	M30	365	380
20	500	291	635	584	597	500	505	558.801	20	1 1/7	32	1.6	275	20	1 1/8	M30	385	400
24	600	222	749.5	692	711	600	605	673.101	20	1 1/7	35	1.6	315	20	1 1/4	M33	405	420
28	700	3605	795.5	762	-	700	700	-	40	7/8	22	1.6	910	40	3/4	M20	455	-
30	750	305	846	813	-	746	750	-	44	7/8	22	1.6	1025	44	3/4	M20	455	-
32	800	305	900	864	-	796	800	-	48	7/8	22	1.6	1344	48	3/4	M20	460	-
36	900	368	1009.5	972	-	898	910	-	44	1	25	1.6	1536	44	7/8	M24	540	-
42	1050	43.2	1171.5	1130	-	1050	1055	-	48	1 1/8	29	1.6	2310	48	1	M27	625	-
48	1200	524	1135	1289	-	1200	1205	-	44	1 1/4	32	1.6	3364	44	1 1/8	M30	740	-

凸耳对夹双瓣旋启式止回阀（铸件壳体H76型）

Convex Wafer Type Double Swing Check Valve (Casting shell H76 type)

主要外形尺寸和重量 Main Dimensions & Weight

口径Bore		尺寸Dimensions(mm)										配管法兰(供参考)Pipeline flange(FYI)						
NPS	DN	L	D	D2		D3	D4	P	螺栓数量 Number of the bolt	螺栓直径d1 Number of the bolt		N	重量 (kg) Weight	数量 Number of the bolt	螺栓直径d1 Number of the bolt		螺栓长度L1 length of bolt	
				RF	RJ					in	mm				in	mm	RF	RJ
Class300 PN5.0MPa																		
2	50	60	127	92	108	51	58	82.55	8	3/4	16	1.6	6	8	5/8	M16	155	175
2 ^{1/2}	65	67	149	105	127	65	73	101.6	8	7/8	22	1.6	7	8	3/4	M20	175	195
3	80	73	168.5	127	146	80	88	12.825	8	7/8	22	1.6	10	8	3/4	M20	190	210
4	100	73	200	157	175	102	108	149.225	8	7/8	22	1.6	16	8	3/4	M20	195	215
5	125	86	235	186	210	127	132	171.45	8	7/8	22	1.6	29	8	3/4	M20	215	235
6	150	98	270	216	21	152	160	211..38	12	7/8	22	1.6	32	12	3/4	M20	230	250
8	200	127	330	270	302	203	210	269.876	12	1	29	1.6	55	12	7/8	M24	280	300
10	250	146	387.5	324	356	254	266	323.851	16	11/8	25	1.6	82	16	1	M27	315	335
12	300	181	451	381	413	305	310	381.001	16	11/4	32	1.6	92	16	11/8	M30	365	385
14	350	222	514.5	413	457	350	355	419.101	20	11/4	32	1.6	251	20	11/8	M30	410	435
16	400	232	571.5	470	508	400	405	469.901	20	13/8	35	1.6	342	20	11/4	M33	435	455
18	450	264	628.5	533	575	450	455	533.401	24	13/8	35	1.6	391	24	11/4	M33	475	495
20	500	292	686	584	635	500	505	584.201	24	13/8	35	1.6	536	24	11/4	M33	510	535
24	600	318	813	692	749	600	608	692.151	24	13/8	41	1.6	833	24	11/2	M39	560	585
30	750	368	921	845	-	735	740	-	36	11/2	38	1.6	1392	36	13/8	M36	650	-
36	900	483	1089	1010	-	873	880	-	32	13/4	45	1.6	1862	32	15/8	M42	800	-
42	1050	568	1245	1168	-	1035	1045	-	36	17/8	48	1.6	3861	36	13/4	M45	920	-
48	1200	629	1416	1327	-	1179	1190	-	40	2	51	1.6	4370	40	17/8	M48	1010	-
Class600 PN11.0MPa																		
2	50	60	127	92	108	51	58	82.55	8	3/4	19	6.4	6.5	8	5/8	M16	175	180
2 ^{1/2}	65	67	149	100	127	65	73	101.6	8	7/8	22	6.4	8	8	3/4	M20	195	200
3	80	73	168	127	146	80	88	123.825	8	7/8	22	6.4	10	8	3/4	M20	210	215
4	100	79	216	157	175	102	108	149.225	8	1	25	6.4	21	8	7/8	M24	235	240
5	125	105	266.5	186	210	127	136	180.975	8	11/8	29	6.4	41	8	1	M27	280	285
6	150	136	292.5	216	241	152	162	211.138	12	11/8	29	6.4	57	12	1	M27	320	325
8	200	165	349	270	302	200	212	269.876	12	11/4	32	6.4	94	12	11/8	M30	370	375
10	250	213	432	324	356	250	266	323.851	16	13/8	35	6.4	164	16	11/4	M33	440	445
12	300	229	489	384	413	305	312	381.001	20	13/8	35	6.4	213	20	11/4	M33	460	465
14	350	273	527	413	457	337	355	419.101	20	11/2	38	6.4	343	20	13/8	M36	520	525
16	400	305	603	470	508	387	400	469.901	20	15/8	41	6.4	476	20	11/2	M39	575	580
18	450	362	654	533	575	438	450	533.401	20	13/4	44	6.4	685	20	15/8	M42	650	655
20	500	368	724	584	635	489	500	584.201	24	13/4	44	6.4	908	24	15/8	M42	670	680
24	600	438	838	692	749	591	600	692.151	24	2	52	6.4	1088	24	17/8	M48	780	790

(铸件壳体H76型) 凸耳对夹双瓣旋启式止回阀

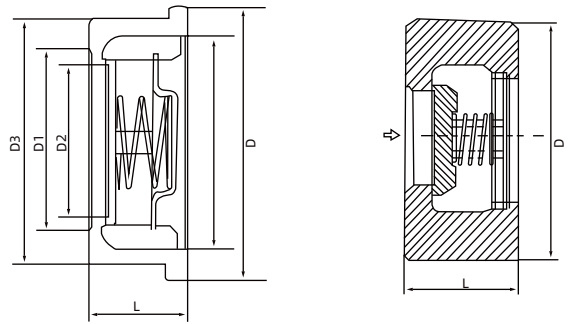
Convex Wafer Type Double Swing Check Valve (Casting shell H76 type)

主要外形尺寸和重量 Main Dimensions & Weight

口径Bore		尺寸Dimensions(mm)											配管法兰(供参考)Pipeline flange(FYI)					
NPS	DN	L	D	D2		D3	D4	P	螺栓数量 Number of the bolt	螺栓直径d1 Number of the bolt		N	重量 (kg) Weight	螺栓数量 Number of the bolt	螺栓直径d1 Number of the bolt		螺栓长度L1 length of bolt	
				RF	RJ					in	mm				in	mm	RF	RJ
Class900 PN15.0MPa																		
2	50	70	165.1	92	124	51	58	92.25	8	1	26	6.4	13	8	7/8	M24	225	230
2 ^{1/2}	65	83	190.5	105	137	65	73	107.95	8	11/8	29	6.4	18	8	1	M27	250	255
3	80	83	190.5	127	156	80	90	123.82	8	1	26	6.4	21	8	7/8	M24	240	245
4	100	102	234.9	157	181	102	108	149.22	8	11/4	32	6.4	36	8	11/8	M30	285	290
5	125	110	279.4	186	216	127	136	180.98	8	13/8	35	6.4	65	8	11/4	M33	310	315
6	150	159	317.5	216	241	150	162	211.12	12	11/4	32	6.4	92	12	11/8	M30	365	370
8	200	206	393.7	270	308	200	212	269.88	12	11/2	39	6.4	174	12	13/8	M36	440	445
10	250	241	469.9	324	362	250	266	323.85	16	11/2	39	6.4	264	16	13/8	M36	490	495
12	300	292	533.4	381	419	305	312	381	20	11/2	39	6.4	211	20	13/8	M36	560	565
14	350	356	558.8	413	467	337	355	419.1	20	15/8	42	6.4	612	20	11/2	M39	645	655
16	400	384	615.9	470	524	387	400	469.9	20	13/4	45	6.4	712	20	15/8	M42	685	695
18	450	451	685.8	533	594	438	450	533.4	20	2	51	6.4	1160	20	17/8	M48	790	805
20	500	451	749.3	584	648	487	496	584.2	20	21/8	54	6.4	1568	20	2	M52	810	825
24	600	495	901.7	692	772	591	600	692.15	20	25/8	67	6.4	1881	20	21/2	M64	945	965
Class1500 PN26.0MPa																		
2	50	70	165.1	92	124	51	58	92.25	8	1	26	6.4	14	8	7/8	M24	225	230
2 ^{1/2}	65	83	190.5	105	137	65	73	107.95	8	11/8	29	6.4	19	8	1	M27	250	255
3	80	83	203.2	127	168	80	90	136.52	8	11/4	32	6.4	25	8	11/8	M30	270	275
4	100	102	241.3	157	191	102	108	161.92	8	13/8	35	6.4	43	8	11/4	M33	310	315
5	125	110	292.1	186	229	127	136	193.68	8	15/8	42	6.4	72	8	11/2	M39	370	375
6	150	159	317.5	216	248	150	162	211.12	12	11/2	39	6.4	101	8	13/8	M36	430	440
8	200	206	393.7	270	318	200	212	269.98	12	13/4	45	6.4	240	12	15/8	M42	510	520
10	250	248	482.6	324	371	254	266	323.85	12	2	51	6.4	306	12	17/8	M48	600	610
12	300	305	571.5	381	438	305	312	387.1	16	21/8	54	6.4	541	12	2	M52	695	715
14	350	356	635	413	489	337	355	419.1	16	23/8	61	6.4	932	16	21/4	M56	775	800
16	400	384	704.8	470	546	387	400	469.9	16	25/8	67	6.4	980	16	21/2	M64	850	880
Class2500 PN42.0MPa																		
2	50	70	171.4	92	133	42	48	101.6	8	11/8	29	6.4	19	16	1	M27	255	260
2 ^{1/2}	65	83	196.8	105	149	52	58	111.12	8	11/4	32	6.4	31	8	11/8	M30	290	305
3	80	86	228.6	127	168	62	68	127	8	13/8	35	6.4	38	8	11/4	M33	320	330
4	100	105	273	157	203	88	94	157.18	8	15/8	42	6.4	69	8	11/2	M39	370	380
5	125	110	323.8	186	241	100	106	190.5	8	17/8	48	6.4	135	8	13/4	M45	420	435
6	150	159	368.3	246	279	152	162	228.6	8	21/8	54	6.4	184	8	2	M52	515	530
8	200	206	438.1	270	340	180	186	279.4	12	21/8	54	6.4	380	12	2	M52	600	620
10	250	254	539.7	324	425	225	232	342.9	12	25/8	67	6.4	498	12	21/2	M64	750	775
12	300	305	619.1	381	495	266	272	406.4	12	27/8	74	6.4	747	12	23/4	M70	855	885

H71型对夹升降式止回阀

H71 Wafer Type Lift Check Valve



主要外形尺寸和重量 Main Dimensions & Weight

公称通径 DN(mm)	尺寸Dimensions(mm)			重量(kg) Weight	配管法兰(供参考)Pipeline flange(FYI)			
	L	D	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Number of the bolt	螺栓长度L1 length of bolt
PN1.0/1.6MPa								
15	16	52	15	0.12	65	4	M12	75
20	19	62	19	0.24	75	4	M12	90
25	22	72	24	0.34	85	4	M12	90
32	28	83	31	0.53	100	4	M16	100
40	31.5	93	39	0.80	110	4	M16	105
50	40	108	48	1.2	125	4	M16	125
65	46	128	63	2.2	145	4	M16	130
80	50	142	78	3.1	160	8	M16	135
100	60	162	98	5.7	180	8	M16	150
125	90	192	123	10	210	8	M16	180
150	106	218	148	14	240	8	M20	210
200	140	273	198	24	295	8	M20	240
250	160	328	248	35	350	12	M20	260
PN2.5MPa								
15	16	52	15	0.12	65	4	M12	80
20	19	62	19	0.24	75	4	M12	90
25	22	72	24	0.34	85	4	M12	90
32	28	83	31	0.53	100	4	M16	110
40	31.5	93	39	0.80	110	4	M16	115
50	40	108	48	1.2	125	4	M16	125
65	46	128	63	2.2	145	8	M16	135
80	50	142	78	3.1	160	8	M16	145
100	60	168	98	7.0	190	8	M20	160
125	90	194	123	12	220	8	M24	205
150	106	224	148	15	250	8	M24	225
200	140	284	198	26	310	12	M24	260
250	160	341	248	40	370	12	M27	280
PN4.0MPa								
15	16	52	15	0.12	65	4	M12	80
20	19	62	19	0.24	75	4	M12	90
25	22	72	24	0.34	85	4	M12	90
32	28	83	31	0.53	100	4	M16	110
40	31.5	93	39	0.80	110	4	M16	115
50	40	108	48	1.2	125	4	M16	125
65	46	128	63	2.2	145	8	M16	135
80	50	142	78	3.1	160	8	M16	145
100	60	168	98	9	190	8	M20	160
125	90	196	123	14	220	8	M24	205
150	106	224	148	18	250	8	M24	225
200	140	291	198	28	320	12	M27	275
250	160	353	248	42	385	12	M30	295

H71型对夹升降式止回阀

H71 Wafer Type Lift Check Valve

主要外形尺寸和重量 Main Dimensions & Weight

公称通径 DN(mm)	尺寸Dimensions(mm)			重量(kg) Weight	配管法兰(供参考)Pipeline flange(FYI)			
	L	D	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Number of the bolt	螺栓长度L1 length of bolt
PN6.4MPa								
15	25	62	15	0.5	75	4	M12	100
20	31.5	73	19	0.7	90	4	M16	115
25	35.5	83	24	1.0	100	4	M16	130
32	40	89	31	1.3	110	4	M20	140
40	45	104	39	2.0	125	4	M20	150
50	56	114	48	3.2	135	4	M20	160
65	63	138	63	4.5	160	8	M20	170
80	71	148	78	5	170	8	M20	180
100	80	174	98	7	200	8	M24	200
125	110	211	123	13	240	8	M27	245
150	125	248	148	22	280	8	M30	270
200	160	310	198	40	345	12	M33	325
250	180	362	248	60	400	12	M33	350
PN10.0MPa								
15	25	62	15	0.6	75	4	M12	100
20	31.5	73	19	1.0	90	4	M16	115
25	35.5	83	24	1.3	100	4	M16	130
32	40	89	31	1.6	110	4	M20	140
40	45	104	39	2.5	125	4	M20	150
50	56	120	48	3.8	145	4	M24	172
65	63	144	63	6	170	8	M24	185
80	71	154	78	7	180	8	M24	195
100	80	181	98	10	210	8	M27	220
125	110	218	123	18	250	8	M30	265
150	125	258	148	30	290	12	M30	285
200	160	324	198	56	360	12	M33	345
PN16.0MPa								
15	25	58	15	0.6	75	4	M16	105
20	31.5	69	19	0.9	90	4	M20	120
25	35.5	79	24	1.3	100	4	M20	135
32	40	92	31	1.7	115	4	M22	145
40	45	100	39	2.2	125	4	M24	155
50	56	142	48	5.6	165	8	M22	165
65	63	162	63	7.5	190	8	M27	175
80	71	176	78	9	205	8	M27	185
100	80	208	98	14	240	8	M30	210
125	110	247	123	27	285	8	M36	250
150	125	280	148	38	318	12	M36	280
200	160	356	198	76	400	12	M42	300

H71型对夹升降式止回阀

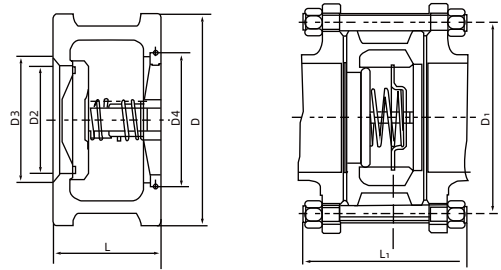
H71 Wafer Type Lift Check Valve

主要外形尺寸和重量 Main Dimensions & Weight

口径Bore		尺寸Dimensions(mm)			重量(kg) Weight	配管法兰(供参考)Pipeline flange(FYI)				
NPS	DN	L	D	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Number of the bolt in	mm	螺栓长度L1 length of bolt
Class150 PN2.0MPa										
1/2	15	16	46	15	0.12	60.5	4	1/2	M14	90
3/4	20	19	56	19	0.24	70	4	1/2	M14	100
-	25	22	65	24	0.34	79.5	4	1/2	M14	110
1 ¹ / ₄	32	28	74	31	0.53	89	4	1/2	M14	120
1 ¹ / ₂	40	31.5	84	39	0.80	98.5	4	1/2	M14	130
2	50	40	103	48	1.2	120.5	4	5/8	M16	145
2 ¹ / ₂	65	46	122	63	2.2	139.5	4	5/8	M16	160
3	80	50	135	78	3.1	152.5	4	5/8	M16	170
4	100	60	173	98	5.8	190.5	8	5/8	M16	180
5	125	90	195	123	12	216.0	8	3/4	M20	210
6	150	106	220	148	17	241.5	8	3/4	M20	230
8	200	140	277	198	29	298.5	8	3/4	M20	270
10	250	160	337	248	35	362.0	12	7/8	M24	290
Class300 PN5.0MPa										
1/2	15	25	52	15	0.3	66.5	4	1/2	M14	100
3/4	20	31.5	65	19	0.46	82.5	4	5/8	M16	110
-	25	35.5	72	24	0.6	89	4	5/8	M16	120
1 ¹ / ₄	32	40	81	31	0.8	98.5	4	5/8	M16	130
1 ¹ / ₂	40	45	94	39	1.5	114.5	4	3/4	M20	140
2	50	56	110	48	2.4	127.0	8	5/8	M16	150
2 ¹ / ₂	65	63	128	63	3.0	149.0	8	3/4	M20	170
3	80	71	148	78	4.0	168.5	8	3/4	M20	190
4	100	80	179	98	5.5	200.0	8	3/4	M20	200
5	125	110	214	123	13	235.0	8	3/4	M20	240
6	150	125	249	148	22	270.0	12	3/4	M20	260
8	200	160	305	198	36	330.0	12	7/8	M24	310
10	250	180	359	248	40	387.5	16	1	M27	330
Class600 PN11.0MPa										
1/2	15	25	52	15	0.3	66.5	4	1/2	M14	100
3/4	20	31.5	65	19	0.46	82.5	4	5/8	M16	110
-	25	35.5	72	24	0.6	89.0	4	5/8	M16	120
1 ¹ / ₄	32	40	81	31	0.8	98.5	4	5/8	M16	130
1 ¹ / ₂	40	45	94	39	1.5	114.5	4	3/4	M20	140
2	50	56	110	48	2.4	127.0	8	5/8	M16	150
2 ¹ / ₂	65	63	128	63	3.0	149.0	8	3/4	M20	170
3	80	71	147	78	4.0	168.5	8	3/4	M20	190
4	100	80	191	98	5.5	216.0	8	3/4	M24	200
5	125	110	239	123	13	267.0	8	3/4	M27	240
6	150	125	264	148	22	292.0	12	3/4	M27	290
8	200	160	318	198	36	349.0	12	7/8	M30	350
10	250	180	398	248	40	432.0	16	1	M33	370
Class900 PN15.0MPa										
1/2	15	25	62	15	0.6	82.5	4	3/4	M20	125
3/4	20	31.5	69	19	0.9	89.0	4	3/4	M20	135
-	25	35.5	77	24	1.2	101.5	4	7/8	M24	155
1 ¹ / ₄	32	40	87	31	1.5	111.0	4	7/8	M24	160
1 ¹ / ₂	40	45	97	39	2.0	124.0	4	1	M27	175
2	50	56	140	48	5.5	165.0	8	7/8	M24	195
2 ¹ / ₂	65	63	162	63	7.5	190.5	8	1	M27	215
3	80	71	165	78	8	190.5	8	7/8	M24	210
4	100	80	204	98	14	235.0	8	11/8	M30	245
5	125	110	245	123	27	279.5	8	11/4	M33	290
6	150	125	286	148	41	317.5	12	11/8	M30	310
8	200	160	356	198	76	393.5	12	13/8	M36	375

H72型对夹升降式止回阀

H72 Wafer Type Lift Check Valve



主要外形尺寸和重量 Main Dimensions & Weight

公称通径 DN(mm)	尺寸Dimensions(mm)			重量(kg) Weight	配管法兰(供参考)Pipeline flange(FYI)			
	L	D	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Number of the bolt	螺栓长度L1 length of bolt
PN1.0MPa								
15	25	53	15	0.12	65	4	M12	75
20	31.5	63	19	0.24	75	4	M12	90
25	35.5	73	24	0.34	85	4	M12	90
32	40	84	31	0.53	100	4	M16	100
40	45	94	39	0.80	110	4	M16	105
50	60	109	48	1.2	125	4	M16	125
65	67	129	73	3	145	4	M16	155
80	73	144	88	4	160	8	M16	160
100	73	164	108	6	180	8	M16	165
125	86	194	132	8	210	8	M16	180
150	98	220	160	13	240	8	M20	205
200	127	275	210	24	295	8	M20	235
250	146	330	266	35	350	12	M20	255
300	181	380	310	48	400	12	M20	290
PN1.6MPa								
15	25	53	15	0.12	65	4	M12	75
20	31.5	63	19	0.24	75	4	M12	90
25	35.5	73	24	0.34	82	4	M12	90
32	40	84	31	0.53	100	4	M16	100
40	45	94	39	0.80	110	4	M16	105
50	60	109	48	1.2	125	4	M16	125
65	67	129	73	3	145	4	M16	155
80	73	144	88	4	160	8	M16	160
100	73	164	108	6	182	8	M16	165
125	86	194	132	8	210	8	M16	180
150	98	220	160	13	240	8	M20	205
200	127	275	210	24	295	8	M20	235
250	146	332	266	35	350	12	M20	255
300	181	387	310	48	400	12	M20	290
PN2.5MPa								
15	25	53	15	0.12	65	4	M12	75
20	31.5	63	19	0.24	75	4	M12	90
25	35.5	73	24	0.34	85	4	M12	90
32	40	84	31	0.53	100	4	M16	100
40	45	94	39	0.80	110	4	M16	105
50	60	109	48	1.2	125	4	M16	125
65	67	129	73	3	145	4	M16	160
80	73	144	88	4	160	8	M16	170
100	73	168	108	6	190	8	M20	180
125	86	196	132	8	220	8	M24	205
150	98	224	160	14	250	8	M24	220
200	127	284	210	27	310	8	M24	255
250	146	341	266	42	370	12	M27	285
PN4.0MPa								
15	25	53	15	0.12	65	4	M12	80
20	31.5	63	19	0.24	75	4	M12	90
25	35.5	73	24	0.34	85	4	M12	90
32	40	84	31	0.53	100	4	M16	110
40	45	94	39	0.80	110	4	M16	115
50	60	109	48	1.2	125	4	M16	125
65	67	129	73	4	145	8	M16	160
80	73	144	88	6	160	8	M16	170
100	73	168	108	8	190	8	M20	180
125	86	196	132	13	220	8	M24	205
150	98	224	160	16	250	8	M24	220
200	127	291	210	28	320	12	M27	270
250	146	353	266	49	385	12	M30	300

H72型对夹升降式止回阀

H72 Wafer Type Lift Check Valve

主要外形尺寸和重量 Main Dimensions & Weight

口径Bore		尺寸Dimensions(mm)			重量(kg) Weight	配管法兰(供参考)Pipeline flange(FYI)				
NPS	DN	L	D	D1		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Number of the bolt		螺栓长度L1 length of bolt
					in			mm		
Class150 PN2.0MPa										
1/2	15	25	47	15	0.12	60.5	4	1/2	M14	90
3/4	20	31.5	57	19	0.24	70	4	1/2	M14	100
-	25	35.5	66	24	0.34	79.5	4	1/2	M14	110
1 ¹ / ₄	32	40	75	31	0.53	89	4	1/2	M14	120
1 ¹ / ₂	40	45	85	39	0.8	98.5	4	1/2	M14	130
2	50	60	103	48	1.2	120.5	4	5/8	M16	145
2 ¹ / ₂	65	67	122	73	3	139.5	4	5/8	M16	155
3	80	73	135	88	4	152.5	4	5/8	M16	165
4	100	73	173	108	6	190.5	8	5/8	M16	175
5	125	86	195	132	8	216.5	8	3/4	M20	195
6	150	98	220	160	13	241.5	8	3/4	M20	210
8	200	127	277	210	25	298.5	8	3/4	M20	245
10	250	146	337	366	39	362.5	12	7/8	M24	275
12	300	181	407	310	54	432.0	12	7/8	M24	315
Class300 PN5.0MPa										
1/2	15	25	53	15	0.3	66.5	4	1/2	M14	100
3/4	20	31.5	65	19	0.46	82.5	4	5/8	M16	110
-	25	35.5	72	24	0.6	89	4	5/8	M16	120
1 ¹ / ₄	32	40	81	31	0.8	98.5	4	5/8	M16	130
1 ¹ / ₂	40	45	95	39	1.5	114.5	4	3/4	M20	140
2	50	60	110	48	2.4	127.0	8	5/8	M20	150
2 ¹ / ₂	65	67	128	73	4	149.0	8	3/4	M20	180
3	80	73	147	88	6	168.5	8	3/4	M20	195
4	100	73	179	108	8	200.0	8	3/4	M20	200
5	125	86	214	132	15	235.0	8	3/4	M20	225
6	150	98	249	160	18	270.0	12	3/4	M20	240
8	200	127	305	210	31	330.0	12	7/8	M24	290
10	250	146	359	266	51	387.5	16	1	M27	320
12	300	181	420	310	77	451.0	16	11/8	M30	370
Class600 PN11.0MPa										
1/2	15	25	52	15	0.3	66.5	4	1/2	M14	100
3/4	20	31.5	65	19	0.46	82.5	4	5/8	M16	110
-	25	35.5	72	24	0.6	89.0	4	5/8	M16	120
1 ¹ / ₄	32	40	81	31	0.8	98.5	4	5/8	M16	130
1 ¹ / ₂	40	45	94	39	1.5	114.5	4	3/4	M20	140
2	50	60	110	48	2.4	127.0	8	5/8	M16	150
2 ¹ / ₂	65	67	128	73	5	149.0	8	3/4	M20	200
3	80	73	147	88	8	168.5	8	3/4	M20	215
4	100	73	191	108	11	216.0	8	7/8	M24	240
5	125	86	239	136	20	267.0	8	1	M27	285
6	150	136	264	162	26	292.0	12	1	M27	325
8	200	165	318	212	55	349.0	12	11/8	M30	375
10	250	213	398	266	95	432.0	16	11/4	M33	445
12	300	229	455	312	140	489.0	20	11/4	M33	465

微阻缓闭止回阀

Damping Slow-shut Check Valve

结构特点 Structural Characteristic

该阀用于给排水管道，安装在水泵出口处用来防止介质逆流和消除破坏性水锤，并能有效地减少阀门关闭锤压力，可保障管网安全运行。它具有阀瓣轻、开度大、节电效果显著，流体阻力小，水锤消除机构设计新颖，密封性能稳定可靠、耐磨损、使用寿命长、运行平稳、无振动、无噪声等特点。

The valve is designed for water supply and drainage pipelines to be mounted at the outlet of water pump to avoid the medium from refluxing and remove the destructive water hammer. Also it can effectively reduce the water hammer pressure from valve shut to ensure the safe operation of the pipeline network. It is featured by light disc, large opening, substantial power saving, small fluid resistance, novel design of water hammer removal mechanism stable and reliable, abrasion resistance, long service life, stable operation, being vibration-free and noiseless, etc.

主要技术参数 Main Technology Parameter

型号 Type	公称通径 DN(mm) Nominal diameter	公称压力 PN(MPa) Nominal pressure	试验压力 PS(MPa)		工作压力(MPa) Working pressure	介质温度(°C) Medium temperature	适用介质 Applicable medium
			壳体 Shell	密封 Sealing			
HH44X-T 16 H -10 H 25	50~800	1.0	1.5	1.1	1.0	0~80°C(根据用户 要求可大200°C) Max. may up to 200°C if required by user	水、弱腐 蚀性介质 Water, medium with weak corrosion
HH44X-T H		1.6	2.4	1.76	1.6		
HH44Z/X		2.5	3.75	2.75	2.5		

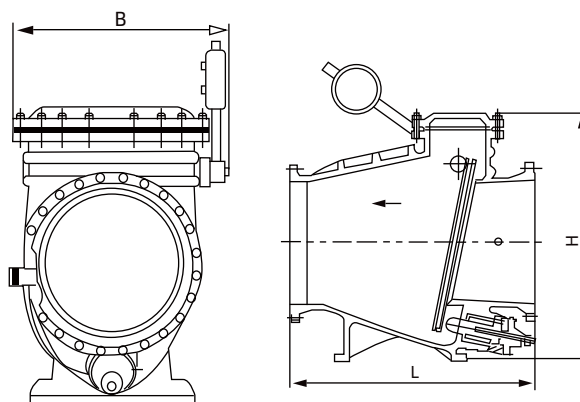
主要零件材料 Main Parts Material

零件名称 Parts	阀体 Body	阀盖 Bonnet	阀瓣 Disc
材料 Material	灰铸铁、铸钢 Carbon steel	钢板、橡胶组合件 Steel plate and rubber compound parts	不锈钢 Stainless steel

主要零件材料 Main External Form Dimensions

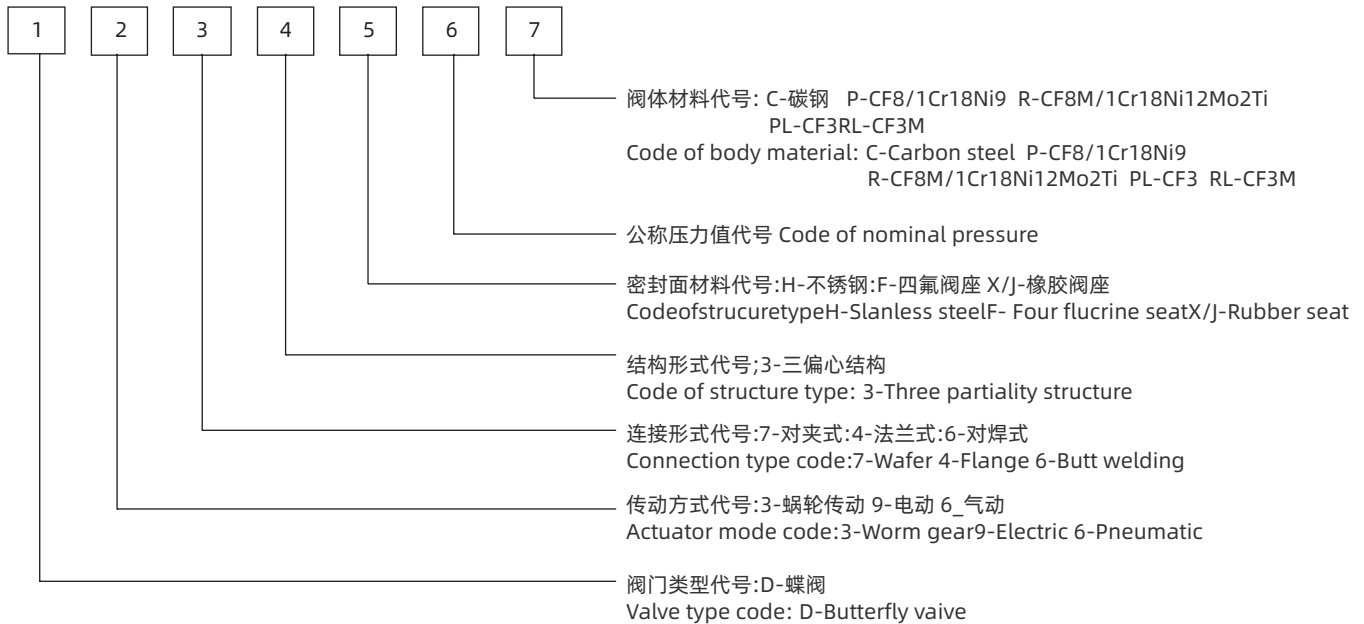
(法兰连接尺寸按JB/T78-94标准 Flang Ends STD:JB/T7778-94)

公称通径 DN(mm) Nominal diameter	公称压力 PN(MPa) Nominal Pressure	尺寸(mm)Dimensions		
		L	H	B
1.0 1.6 2.5	40	200	300	220
	50	230	300	270
	65	290	320	290
	80	310	354	300
	100	350	350	320
	125	400	380	340
	150	480	500	410
	200	500	580	450
	250	600	670	550
	300	700	730	580
	350	800	820	630
	400	900	920	700
	450	1000	850	800
	500	1100	1100	900
	600	1300	1200	990
	700	1400	1550	1120
800	1500	1700	1300	



蝶阀

Butterfly Valve



例一、D373H-25C表示:

1.蝶阀(D) 2.蜗轮传动(3) 3.对夹式连接(7) 4.三偏心结构(3) 5.不锈钢密封圈(H) 6.公称压力2.5MPa(25) 7.碳钢阀体(C)

Example 1:D373H-25C Means

1.Butterfly valve(D) 2.Worm gear drive(3) 3.Water connection(7) 4.Three partiality structure(3) 5. Stainless steel seal H
6. Nominal pressure 2.5MPa(25) 7.Carbon steel body(C)

例二、D943F-16P表示:

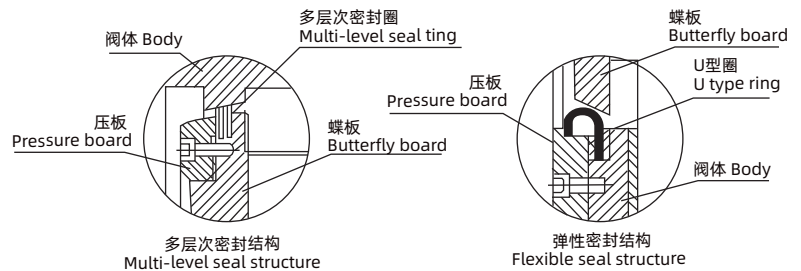
1.蝶阀(D) 2.电动(9) 3.法兰连接(4) 4.三偏心结构(3) 5.四氟阀座(F) 6.公称压力1.6MPa(16) 7.不锈钢阀体(P)

Example 2:D943F-16P Means

1.Butterfly valve(D) 2.Electric operated(9) 3.Flange connection(4) 4.Three partiality structure(3) 5. Four fluorine seat(F)
6. Nominal pressure 1.6MPa(16) 7.Stainless steel body(P)

用途 Application

蝶阀适用于食品、医药、石油化工、工业环保及高层建筑和管道上作调节流量和截断流体最佳装置。
The butterfly valve is applicable for food, pharmacy petrochemical industry, industrial environmental rotection, high-rise and pipeline as the best device for regulating the flow and cutting off the fluid



结构特点 Structure Characteristics

蝶阀系吸收、消化国外技术，并结合国内用户意见和生产中积累的经验而精心研制的新一代产品。

1、采用三维偏心结构，阀体密封圈采用多层次结构或弹性金属圈，使蝶板同阀体密封面均匀可靠接触，可达到气密封无泄漏。

2、结构独特、操作灵活、省力、方便，使用寿命长。

3、耐高温、耐腐蚀、耐磨损的三维偏心。

The butterfly valve is a new generation of product carefully developed through assimilating and digesting foreign technologies and combining suggestions of domestic users and experience accumulated during production.

1.With a 3D eccentric structure the sealing ring of valve body adopts a multi-level structure or flexible eyelet so that the disc can contact the sealing surface of valve body uniformly and reliabl achieving no leakage of airtight seal.

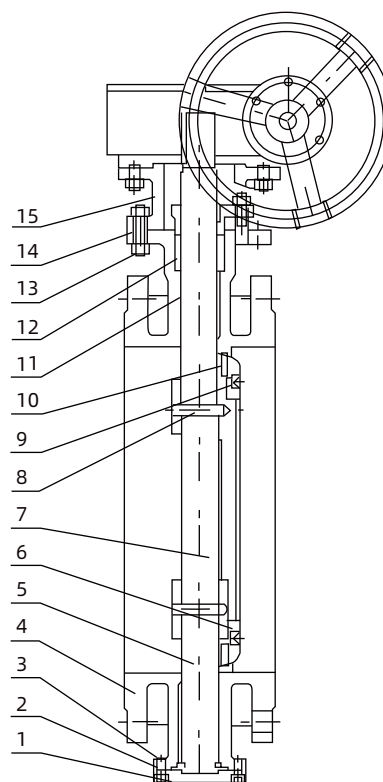
2.With a unique structure, easy and flexible for operation with labor saving and long service life.

3.3D eccentricity. resistant to high temperature. corrosion and abrasion.



蝶阀

Butterfly Valve

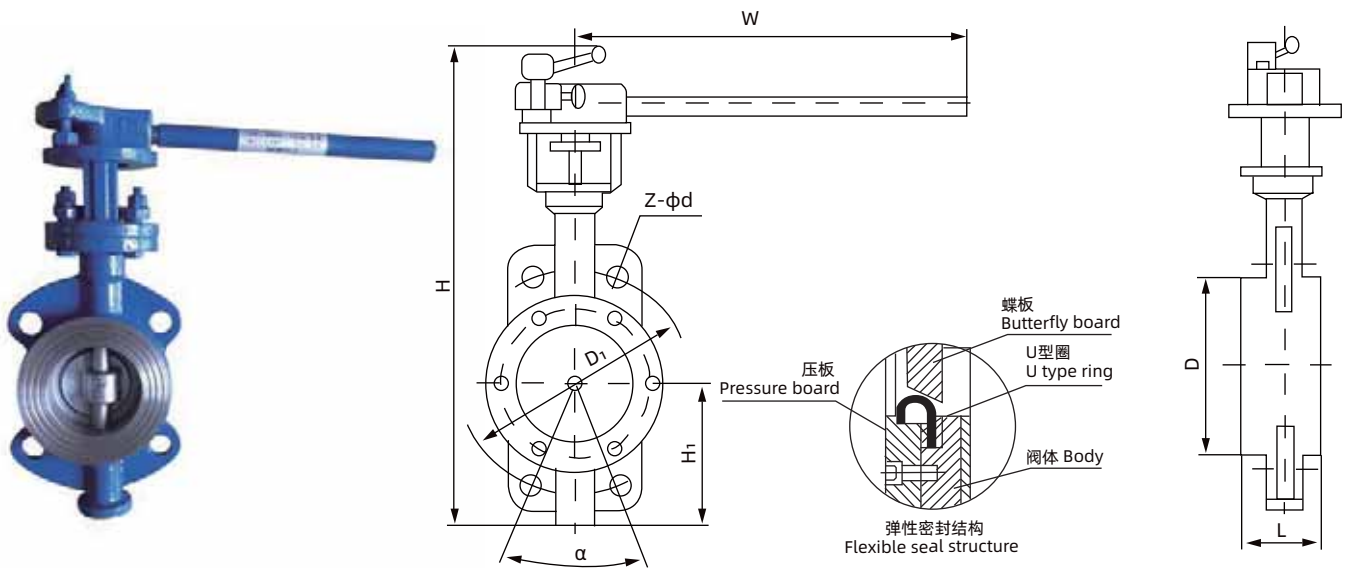


主要零件材质 Main Parts Material

序号 No.	零件名称 Parts	材料标准 Material Standard							
		碳钢 Carbon steel		不锈钢 Stainless steel					
		GB	ASTM	GB		ASTM			
1	底盖 Bottom cover plate	25#	25#	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	F304	F316	F304L	F316L
2	底盖螺钉 Bottom cover stud	35CrMoA	A193-B7	1Cr17Ni2	1Cr17Ni2	A193-B8M	A193-B8M	A193-B8M	A193-B8M
3	底盖垫片 Bottom cover gasket	石墨 Graphite		石墨 Graphite					
4	阀体 Body	WCB	A216-WCB	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
5	阀杆 Stem	2Cr13	A182-F316	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	F304	F316	F304L	F316L
6	压圈 Board	2Cr13	A182-F316	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	F304	F316	F304L	F316L
7	蝶板 Board	WCB	A351-CF8M	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
8	销轴 Stem taper pins	2Cr13	A182-F316	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	304	316	304L	316L
9	蝶板螺钉 Disc stud	35CrMoA	A193-B8M	1Cr17Ni2	1Cr17Ni2	A193-B8M	A193-B8M	A193-B8M	A193-B8M
10	密封圈 Seal ring	石墨+304 Graphite+304		石墨+304 Graphite+304		石墨+304 Graphite+304	石墨+304 Graphite+316	石墨+304 Graphite+304L	石墨+304 Graphite+316L
11	衬套 Bush	铜合金 Copper alloy		304+PTFE		304+PTFE	316+PTFE	304L+PTFE	316L+PTFE
12	填料 Packing	石墨 Graphite		石墨 Graphite		石墨 Graphite			
13	支架螺母 yoke nut	45	A194-2H	0Cr18Ni9	0Cr18Ni9	A194-8M	A194-8M	A194-8M	A194-8M
14	支架螺钉 yoke stud	35CrMoA	A193-B7	1Cr17Ni2	1Cr17Ni2	A193-B8M	A193-B8M	A193-B8M	A193-B8M
15	支架 Yoke	WCB	A216-WCB	WCB	WCB	A216-WCB	A216-WCB	A216-WCB	A216-WCB

手柄对夹式金属硬密封、氟塑料密封偏心蝶阀

Lever Wafer Metal Hard Sealing Fluorine Plastic Sealing Eccentricity Butterfly Valve



应用规范

- 1、设计、制造:GB12238-2008
- 2、结构长度:GB12221-2005
- 3、连接法兰:GB9113-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

- 1、Design manufacture according to GB12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB9113-2000
- 4、Valve inspection and test according to GB/T13927-92

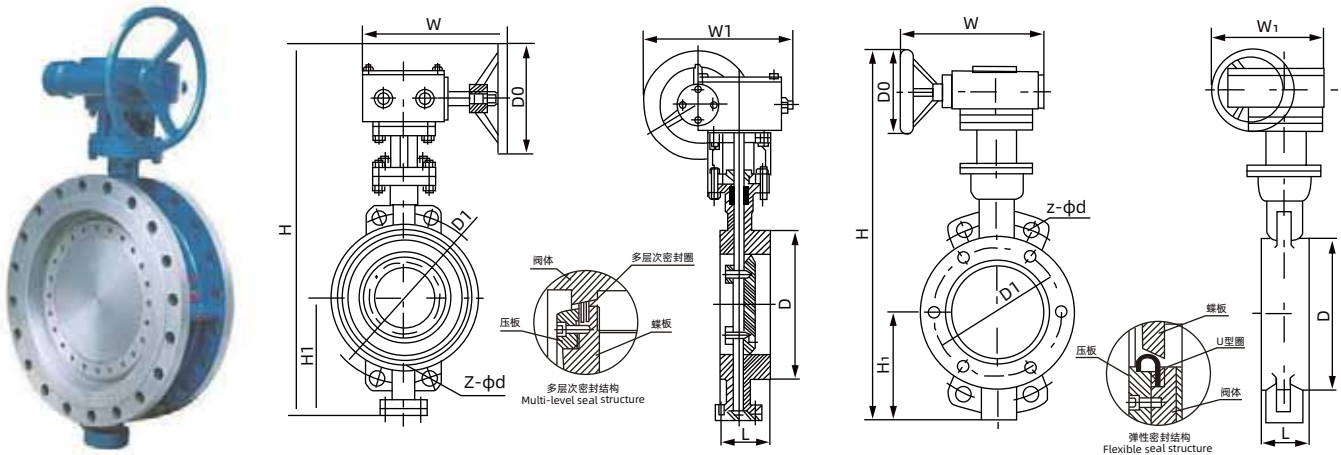
主要连接尺寸和重量 Main Connection Dimensions & Weight

通径DN Diameter	尺寸Dimension (mm)								重量 Weight (kg)
	L	D1	D	Z-φd	H	H1	α	W	
D73 ^H _F -16C(P.R.V)									
50	43	125	99	4-18	340	112	90°	230	9
65	46	145	118	4-18	360	115	90°	230	11
80	49	160	132	8-18	380	120	45°	280	15
100	56	180	156	8-18	410	140	45°	280	18
125	64	210	184	8-18	460	170	45°	330	22
150	70	240	211	8-22	490	180	45°	330	25

通径DN Diameter	尺寸Dimension (mm)								重量 Weight (kg)
	L	D1	D	Z-φd	H	H1	α	W	
D73 ^H _F -16C(P.R.V)									
50	43	125	99	4-18	340	112	90°	230	10
65	46	145	118	4-18	360	115	90°	280	12
80	49	160	132	8-18	380	120	45°	280	16
100	56	180	156	8-18	410	140	45°	330	20
125	64	210	184	8-18	460	170	45°	330	24
150	70	240	211	8-22	490	180	45°	380	27

蜗轮传动对夹式金属硬密封、氟塑料密封偏心蝶阀

WormWheel Driving Wafer Metal Hard Sealing fluorine Plastic Sealing Eccentricity Butterfly Valve



应用规范

- 1、设计、制造:GB12238-2008
- 2、结构长度:GB12221-2005
- 3、连接法兰:GB9113-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

- 1、Design manufacture according to GB12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB9113-2000
- 4、Valve inspection and test according to GB/T13927-92

主要连接尺寸和重量 Main Connection Dimensions & Weight

通径DN Diameter	尺寸Dimension (mm)									重量 Weight (kg)
	L	D1	D	Z-φd	H	H1	W	W1	D0	
D373 _F ^H -10C(P.R.V)										
50	43	125	102	4-18	360	112	200	200	160	13
65	46	145	122	4-18	380	115	200	200	160	16
80	49	160	133	8-18	455	120	220	200	160	21
100	64	180	133	8-18	490	140	240	200	160	26
125	70	210	184	8-18	490	170	260	200	160	31
150	76	240	212	8-18	630	180	280	280	240	35
200	89	295	268	8-18	690	210	320	280	240	41
250	114	350	320	12-22	830	240	360	280	240	54
300	114	400	370	12-22	930	290	460	420	310	65
350	127	460	430	16-22	1010	320	500	420	310	100
400	140	515	482	16-22	1070	350	540	420	310	180
450	152	565	532	20-26	1140	380	580	420	310	210
500	152	620	585	20-26	1200	410	620	420	310	250
600	154	725	685	20-30	1340	470	660	420	310	370
700	165	840	800	24-30	1600	550	750	550	400	460
800	190	950	905	24-33	1780	640	800	550	400	590
900	203	1050	1005	28-33	1920	710	850	550	400	730
1000	216	1160	1110	28-36	1960	770	1000	750	400	920
1200	254	1380	1330	32-39	2360	875	1050	750	400	1200
1400	279	1590	1530	36-42	2530	970	800	890	-	1460
1600	318	1820	1750	40-48	2640	1100	800	890	-	1850
1800	356	2020	1950	44-48	2800	1200	830	920	-	2080
2000	406	2230	2150	48-48	3100	1290	850	940	-	2660

蜗轮传动对夹式金属硬密封、氟塑料密封偏心蝶阀

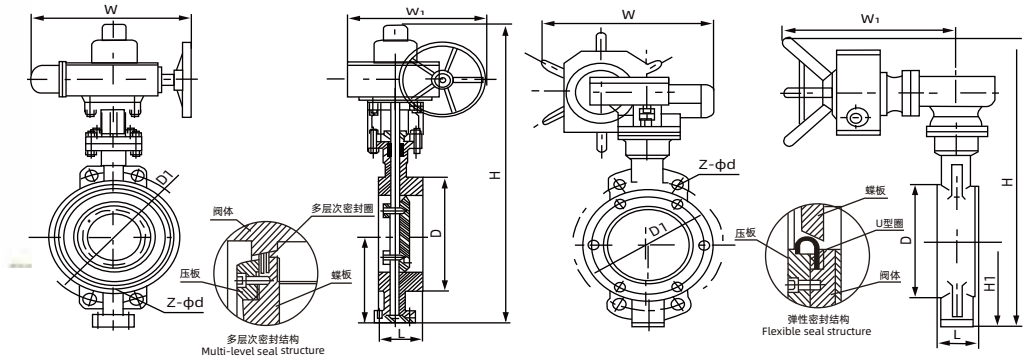
Worm Wheel Driving Wafer Metal Hard Sealing fluorine Plastic Sealing Eccentricity Butterfly Valve

主要外形尺寸和重量 Main Dimensions & Weight

通径 DN Diameter	尺寸 Dimension (mm)									ΔH (STRODE)
	L	D1	D	Z-φd	H	H1	W	W1	D0	
D373 ^H _F -16C(P.R.V)										
50	43	125	102	4-18	360	112	200	200	160	15
65	46	145	122	4-18	380	115	200	200	160	17
80	49	160	133	8-18	455	120	220	200	160	23
100	64	180	158	8-18	490	140	240	200	160	28
125	70	210	184	8-18	490	170	260	200	160	34
150	76	240	212	8-18	630	180	280	280	240	38
200	89	295	268	12-22	690	210	320	280	240	44
250	114	355	320	12-26	830	240	360	280	240	58
300	114	410	370	12-26	930	290	460	420	310	73
350	127	470	430	16-26	1010	320	500	420	310	150
400	140	525	482	16-30	1070	350	540	420	310	240
450	152	585	532	20-30	1140	380	580	420	310	280
500	152	650	585	20-33	1200	410	620	420	310	350
600	154	770	685	20-36	1340	470	660	420	310	470
700	165	840	800	24-36	1600	550	750	550	400	600
800	190	950	905	24-39	1780	640	800	550	400	700
900	203	1050	1005	28-39	1920	710	850	550	400	840
1000	216	1170	1110	28-42	1960	770	1000	750	500	1100
1200	254	1390	1330	32-48	2360	875	1050	750	500	1300
1400	279	1590	1530	36-48	2530	970	800	890	-	1470
1600	318	1820	1750	40-56	2640	1100	800	890	-	1870
D373 ^H _F -25C(P.R.V)										
50	43	125	102	4-18	360	112	200	200	160	15
65	46	145	122	8-18	380	115	200	200	160	17
80	49	160	133	8-18	455	120	220	200	160	23
100	64	190	158	8-22	490	140	240	200	160	28
125	70	220	184	8-26	490	170	260	200	160	35
150	76	250	212	8-26	630	180	280	280	240	40
200	89	310	268	12-26	690	210	320	280	240	50
250	114	370	330	12-30	830	240	360	280	240	68
300	114	430	390	16-30	930	290	460	420	310	80
350	127	490	450	16-33	1010	320	500	420	310	155
400	140	550	505	16-36	1070	350	540	420	310	250
450	152	600	555	20-36	1140	380	580	420	310	300
500	152	660	610	20-36	1200	410	620	420	310	370
600	154	770	720	20-39	1340	470	660	420	310	490
700	165	875	820	24-42	1600	550	750	550	400	630
800	190	990	930	24-48	1780	640	800	550	400	720
900	203	1090	1030	28-48	1920	710	850	550	400	870
1000	216	1210	1140	28-56	1960	770	1000	750	500	1150
D373 ^H _F -40C(P.R.V)										
50	43	125	102	4-18	360	112	200	200	160	16
65	46	145	122	8-18	380	115	200	200	160	18
80	64	160	133	8-18	455	120	220	200	160	25
100	64	190	158	8-22	490	140	280	200	160	30
125	70	220	184	8-26	490	170	280	200	160	37
150	76	250	212	8-26	630	180	280	280	240	44
200	89	320	268	12-30	690	210	280	280	240	55
250	114	385	330	12-33	825	240	280	280	240	73
300	114	450	390	16-33	908	290	450	420	310	85
350	127	510	450	16-36	960	320	450	420	310	160
400	140	585	505	16-39	1330	350	450	437	310	260

电动对夹式金属硬密封、氟塑料密封偏心蝶阀

Electric Motor Wafer Metal Hard Sealing Fluorine Plastic Sealing Eccentricity Butterfly Valve



应用规范

- 1、设计、制造:GB12238-2008
- 2、结构长度:GB12221-2005
- 3、连接法兰:GB9113-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

- 1、Design manufacture according to GB12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB9113-2000
- 4、Valve inspection and test according to GB/T13927-92

主要连接尺寸和重量 Main Connection Dimensions & Weight

通径DN Diameter	尺寸Dimension (mm)								重量 Weight (kg)
	L	D1	D	Z-φd	H	H ₁	W	W ₁	
D973 _F ^H -10C(P.R.V)									
50	43	125	102	4-18	412	112	255	250	42
65	46	145	122	4-18	432	115	255	250	47
80	49	160	133	8-18	450	120	255	250	50
100	56	180	158	8-18	485	140	255	250	60
125	64	210	184	8-18	532	170	255	250	80
150	70	240	212	8-22	667	180	315	300	110
200	71	295	268	8-22	787	210	315	300	130
250	76	350	320	12-22	823	240	315	300	170
300	83	400	370	12-22	908	290	315	300	200
350	92	460	430	16-22	964	320	315	300	240
400	102	515	482	16-26	1022	350	315	300	280
450	114	565	532	20-26	1390	380	714	575	350
500	127	620	585	20-26	1450	410	714	575	430
600	154	725	685	20-30	1640	470	810	656	520
700	165	840	800	24-30	1844	550	810	656	650
800	190	950	905	24-33	2040	640	810	656	760
900	203	1050	1005	28-33	2255	710	863	785	980
1000	216	1160	1110	28-36	2380	770	863	785	1300
1200	254	1380	1330	32-39	2640	875	863	785	1800
1400	279	1590	1530	36-42	2830	970	890	800	1460
1600	318	1820	1750	40-48	2940	1100	980	800	1850
1800	356	2020	1950	44-48	3000	1200	920	830	2080
2000	406	2230	2150	48-48	3100	1290	940	850	2660

电动对夹式金属硬密封、氟塑料密封偏心蝶阀

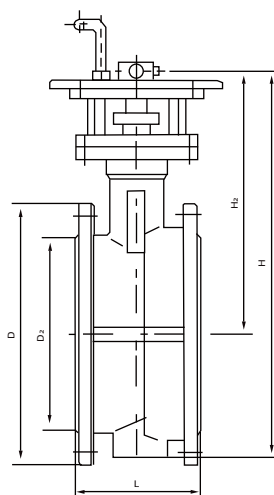
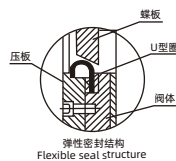
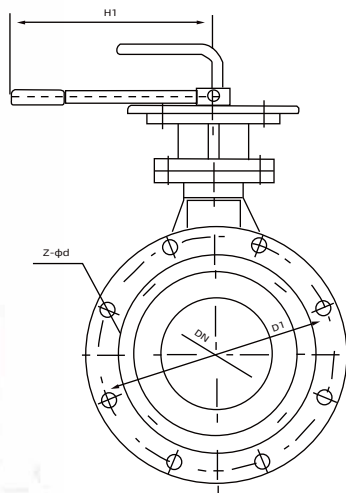
Electric Motor Wafer Metal Hard Sealing Fluorine Plastic Sealing Eccentricity Butterfly Valve

主要外形尺寸和重量 Main Dimensions & Weight

通径 DN Diameter	尺寸 Dimension (mm)								ΔH (STROKE)
	L	D1	D	Z-φd	H	H1	W	W1	
D973 ^H _F -16C(P.R.V)									
50	43	125	102	4-18	412	112	255	250	42
65	46	145	122	4-18	432	115	255	250	47
80	49	160	133	8-18	450	120	255	250	50
100	56	180	158	8-18	485	140	255	250	60
125	64	210	184	8-18	532	170	255	250	80
150	70	240	212	8-22	667	180	315	300	110
200	71	295	268	12-22	787	210	315	300	130
250	76	355	320	12-26	823	240	315	300	190
300	83	410	370	12-26	908	290	315	300	210
350	92	470	430	16-26	964	320	315	300	270
400	102	525	482	16-30	1022	350	315	300	320
450	114	585	532	20-30	1390	380	741	575	390
500	127	650	585	20-33	1450	410	741	575	480
600	154	770	685	20-36	1640	470	810	656	590
700	165	840	800	24-36	1844	550	810	656	710
800	190	950	905	24-39	2040	640	810	656	860
900	203	1050	1005	28-39	2255	710	863	785	1180
1000	216	1170	1110	28-42	2380	770	863	785	1700
1200	254	1390	1330	32-48	2640	875	863	785	2600
1400	279	1590	1530	36-48	2830	970	890	800	3470
1600	318	1820	1750	40-56	2940	1100	890	800	4870
D973 ^H _F -25C(P.R.V)									
50	43	125	102	4-18	412	112	255	250	42
65	46	145	122	8-18	432	115	255	250	47
80	49	160	133	8-18	450	120	255	250	50
100	56	190	158	8-22	485	140	255	250	60
125	64	220	184	8-26	532	170	255	250	80
150	70	250	212	8-26	667	180	315	300	110
200	71	310	268	12-26	787	210	315	300	140
250	76	370	330	12-30	823	240	315	300	200
300	83	430	390	16-30	908	290	315	300	230
350	92	490	450	16-33	964	320	315	300	300
400	102	550	505	16-36	1022	350	315	300	350
450	114	600	555	20-36	1390	380	714	575	430
500	127	660	610	20-36	1450	410	714	575	500
600	154	770	720	20-39	1640	470	810	656	650
700	165	875	820	24-42	1844	550	810	656	800
800	190	990	930	24-48	2040	640	810	656	1000
900	203	1090	1030	28-48	2255	710	863	785	1380
1000	216	1210	1140	28-56	2380	770	863	785	1900
D373 ^H _F -40C(P.R.V)									
50	43	125	102	4-18	412	112	255	250	45
65	46	145	122	8-18	432	115	255	250	50
80	64	160	133	8-18	450	120	255	250	55
100	64	190	158	8-22	485	140	255	250	65
125	70	220	184	8-26	532	170	255	250	86
150	76	250	212	8-26	667	180	315	300	116
200	89	320	268	12-30	787	210	315	300	147
250	114	385	330	12-33	823	240	315	300	207
300	114	450	390	16-33	908	290	315	300	238
350	127	510	450	16-36	964	320	315	300	310
400	140	585	505	16-39	1022	350	315	300	365

手动法兰式金属硬密封、氟塑料密封偏心蝶阀

Manual Flanged Metal Hard Sealing fluorine Plastic Sealing Eccentricity Butterfly Valve



应用规范

- 1、设计、制造:GB12238-2008
- 2、结构长度:GB12221-2005
- 3、连接法兰:GB9113-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

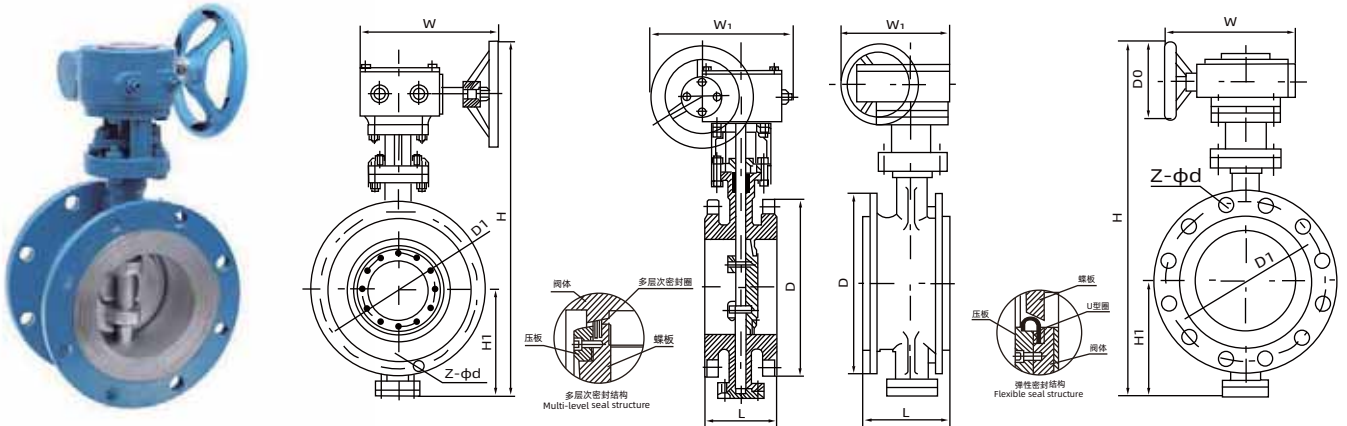
- 1、Design manufacture according to GB12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB9113-2000
- 4、Valve inspection and test according to GB/T13927-92

主要连接尺寸和重量 Main Connection Dimensions & Weight

通径DN Diameter	尺寸Dimension (mm)								重量 Weight (kg)
	L	D	D1	D2	Z-φd	b	H	H2	
D43 ^H _F -10C(P.R.V)									
50	108	165	125	99	4-18	20	340	112	23
65	112	185	145	118	4-18	20	360	115	29
80	114	200	160	132	8-18	20	380	120	35
100	127	220	180	156	8-18	22	410	130	58
125	140	250	210	184	8-18	22	460	165	80
150	140	285	240	211	8-22	24	490	175	86
D43 ^H _F -16C(P.R.V)									
50	108	165	125	99	4-18	20	340	112	23
65	112	185	145	118	4-18	20	360	115	29
80	114	200	160	132	8-18	20	380	120	35
100	127	220	180	156	8-18	22	410	130	58
125	140	250	210	184	8-18	22	460	165	80
150	140	285	240	211	8-22	24	490	175	86
D43 ^H _F -25C(P.R.V)									
50	108	165	125	99	4-18	20	340	112	23
65	112	185	145	118	4-18	22	360	115	29
80	114	200	160	132	8-18	24	380	120	35
100	127	235	190	156	8-22	24	425	130	58
125	140	270	220	184	8-26	26	480	175	82
150	140	300	250	211	8-26	28	520	190	89

蜗轮传动法兰式金属硬密封、氟塑料密封偏心蝶阀

Worm Wheel Driving Flanged Metal Hard Sealing Fluorine Plastic Eccentricity Butterfly Valve



应用规范

- 1、设计、制造:GB12238-2008
- 2、结构长度:GB12221-2005
- 3、连接法兰:GB9113-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

- 1、Design manufacture according to GB12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB9113-2000
- 4、Valve inspection and test according to GB/T13927-92

主要连接尺寸和重量 Main Connection Dimensions & Weight

通径DN Diameter	尺寸Dimension (mm)											重量 Weight (kg)
	L	D	D1	D2	Z-φd	b	H	H1	W	W1	D0	
D343 ^H _F -10C(P.R.V)												
50	105	165	125	99	4-18	20	360	112	200	200	160	30
65	112	185	145	118	4-18	20	380	115	200	200	160	37
80	114	200	160	132	8-18	20	455	120	220	200	160	45
100	127	220	180	156	8-18	22	490	140	240	200	160	74
125	140	250	210	184	8-18	22	490	170	260	200	160	100
150	140	285	240	211	8-22	24	630	180	280	280	240	110
200	152	340	295	266	8-22	24	690	210	320	280	240	150
250	165	395	350	319	12-22	26	830	240	360	280	240	190
300	178	445	400	370	12-22	26	930	290	460	420	310	230
350	190	505	460	429	16-22	26	1010	320	500	420	310	290
400	216	565	515	480	16-26	26	1070	350	540	420	310	350
450	222	615	565	530	20-26	28	1140	380	580	420	310	450
500	229	670	620	582	20-26	28	1200	410	620	420	310	550
600	267	780	725	682	20-30	34	1340	470	660	420	310	710
700	292	895	840	794	24-30	34	1600	550	750	550	400	850
800	318	1015	950	901	24-33	36	1780	640	800	550	400	1100
900	330	1115	1050	1001	28-33	38	1920	710	850	550	400	1300
1000	410	1230	1160	1112	28-36	38	1960	770	1000	750	500	1600
1200	470	1455	1380	1328	32-39	44	2360	875	1050	750	500	1980
1400	530	1675	1590	1530	36-42	48	2530	970	800	890	600	2760
1600	600	1915	1820	1750	40-48	52	2640	1100	800	890	600	3470
1800	670	2115	2020	1950	44-48	56	2800	1200	830	920	700	4200
2000	760	2325	2230	2150	48-48	60	3100	1290	850	940	700	5360

涡轮传动法兰式金属硬密封、氟塑料密封偏心蝶阀

Worm Wheel Driving Flanged Metal Hard Sealing Fluorine Plastic Eccentricity Butterfly Valve

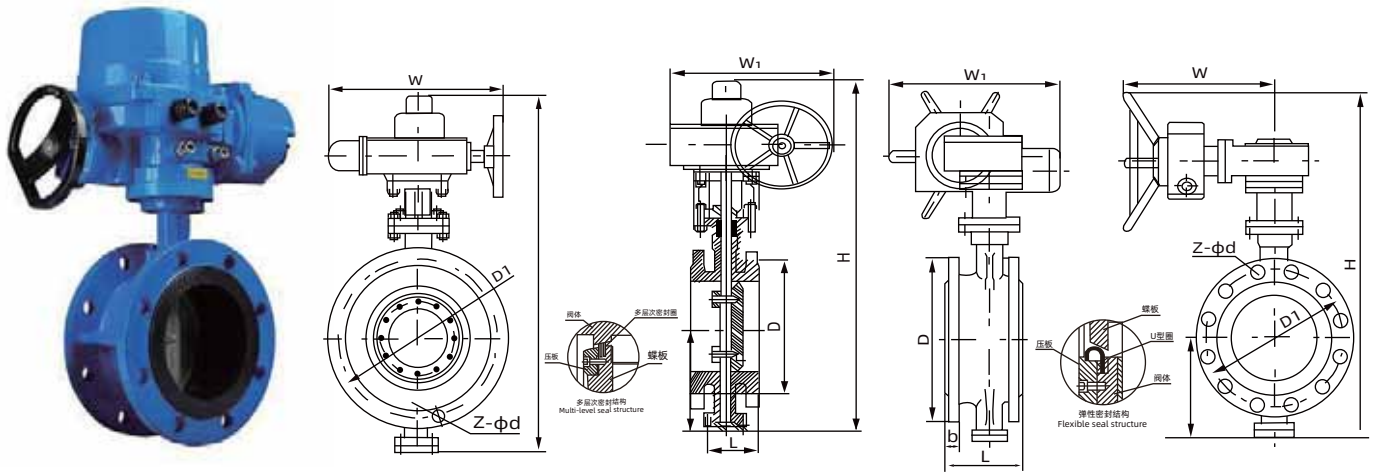
主要外形尺寸和重量 Main Dimensions & Weight

通径 DN Diameter	尺寸Dimension (mm)											重量(kg) Weight
	L	D	D1	D2	Z-φd	b	H	H1	W	W1	D0	
D343 ^H _F -16C(P.R.V)												
50	108	165	125	99	4-18	20	360	112	200	200	160	30
65	112	185	145	118	4-18	20	380	115	200	200	160	37
80	114	200	160	132	8-18	20	455	120	220	200	160	45
100	127	220	180	156	8-18	22	490	140	240	200	160	75
125	140	250	210	184	8-18	22	490	170	260	200	160	105
150	140	285	240	211	8-22	24	630	180	280	280	240	115
200	152	340	295	266	12-22	24	690	210	320	280	240	160
250	165	405	355	319	12-26	26	830	240	360	280	240	220
300	178	460	410	370	12-26	28	930	290	460	420	310	260
350	190	520	470	429	16-26	30	1010	320	500	420	310	340
400	216	580	525	480	16-30	32	1070	350	540	420	310	410
450	222	640	585	530	20-30	40	1140	380	580	420	310	490
500	229	715	650	582	20-33	44	1200	410	620	420	310	605
600	267	840	770	682	20-36	44	1340	470	660	420	310	780
700	292	910	840	794	24-36	50	1600	550	750	550	400	960
800	318	1025	950	901	24-39	52	1780	640	800	550	400	1050
900	330	1125	1050	1001	28-39	54	1920	710	850	550	400	1500
1000	410	1255	1170	1112	28-42	56	1960	770	1000	750	500	1800
1200	470	1485	1390	1328	32-48	44	2360	875	1050	750	500	2300
1400	530	1690	1590	1530	36-48	48	2530	970	800	890	600	2900
1600	600	1930	1820	1750	40-56	52	2640	1100	800	890	600	3820
D343 ^H _F -25C(P.R.V)												
50	108	165	125	99	4-18	20	360	112	200	200	160	34
65	112	185	145	118	8-18	22	380	115	200	200	160	40
80	114	200	160	132	8-18	24	455	120	220	200	160	50
100	127	235	190	156	8-22	24	490	140	240	200	160	84
125	140	270	220	184	8-26	26	490	170	260	200	160	110
150	140	300	250	211	8-26	28	630	180	280	280	240	120
200	152	360	310	274	12-26	30	690	210	320	280	240	160
250	165	425	370	330	12-30	32	830	240	360	280	240	240
300	178	485	430	389	16-30	34	930	290	460	420	310	320
350	190	555	490	448	16-33	38	1010	320	500	420	310	430
400	216	620	550	503	16-36	40	1070	350	540	420	310	560
450	222	670	600	548	20-36	46	1140	380	580	420	310	620
500	229	730	660	609	20-36	48	1200	410	620	420	310	730
600	267	845	770	720	20-39	58	1340	470	660	420	310	990
700	292	960	875	820	24-42	50	1600	550	750	550	400	1150
800	318	1085	990	928	24-48	54	1780	640	800	550	400	1500
900	330	1185	1090	1028	28-48	58	1920	710	850	550	400	1800
1000	410	1320	1210	1140	28-55	62	1960	770	1000	750	500	220

通径 DN Diameter	尺寸Dimension (mm)											重量(kg) Weight	
	L	D	D1	D2	D6	Z-φd	b	H	H1	W	W1		D0
D343 ^H _F -16C(P.R.V)													
50	150	165	125	99	88	4-18	20	360	112	200	200	160	37
65	170	185	145	118	110	8-18	22	380	115	200	200	160	43
80	180	200	160	132	121	8-18	24	455	120	220	200	160	54
100	190	235	190	156	150	8-22	24	490	140	240	200	160	90
125	200	270	220	184	176	8-26	26	490	170	260	200	160	115
150	210	300	250	211	204	8-26	28	630	180	280	280	240	125
200	230	375	320	284	260	12-30	34	690	210	320	280	240	172
250	250	450	385	345	313	12-33	38	830	240	360	280	240	248
300	270	515	450	409	364	16-33	42	930	290	460	420	310	330
350	290	580	510	465	422	16-36	46	1010	320	500	420	310	440
400	310	660	585	535	474	16-39	50	1070	350	540	420	310	572

电动法兰式金属硬密封、氟塑料密封偏心蝶阀

Electromotor Flanged Metal Hard Sealing Fluorine Plastic Eccentricity Butterfly Valve



应用规范

- 1、设计、制造:GB12238-2008
- 2、结构长度:GB12221-2005
- 3、连接法兰:GB9113-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

- 1、Design manufacture according to GB12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB9113-2000
- 4、Valve inspection and test according to GB/T13927-92

主要连接尺寸和重量 Main Connection Dimensions & Weight

通径DN Diameter	尺寸Dimension (mm)										重量 Weight (kg)
	L	D	D1	D2	Z-φd	b	H	H1	W	W1	
D943 ^H -10C(P.R.V)											
50	105	165	125	99	4-18	20	412	112	250	255	48
65	112	185	145	118	4-18	20	432	115	250	255	55
80	114	200	160	132	8-18	20	450	120	250	255	63
100	127	220	180	156	8-18	22	485	140	250	255	92
125	140	250	210	184	8-18	22	532	170	250	255	110
150	140	285	240	211	8-22	24	667	180	300	315	130
200	152	340	295	266	8-22	24	787	210	300	315	160
250	165	395	350	319	12-22	26	823	240	300	315	210
300	178	445	400	370	12-22	26	908	290	300	315	250
350	190	505	460	429	16-22	26	964	320	300	315	320
400	216	565	515	480	16-26	26	1022	350	300	315	380
450	222	615	565	530	20-26	28	1390	380	575	714	450
500	229	670	620	582	20-26	28	1450	410	575	714	560
600	267	780	725	682	20-30	34	1640	470	656	810	420
700	292	895	840	794	24-30	34	1844	550	656	810	860
800	318	1015	950	901	24-33	36	2040	640	656	810	1100
900	330	1115	1050	1001	28-33	38	2255	710	785	863	1300
1000	410	1230	1160	1112	28-36	38	2380	770	785	863	1570
1200	470	1455	1380	1328	32-39	44	2640	875	785	863	2100
1400	530	1675	1590	1530	36-42	48	2830	970	810	890	2760
1600	600	1915	1820	1750	40-48	52	2940	1150	810	890	3470
1800	670	2115	2020	1950	44-48	56	3000	1230	830	930	4200
2000	760	2325	2230	2150	48-48	60	3100	1290	830	940	5360

电动法兰式金属硬密封、氟塑料密封偏心蝶阀

Electromotor Flanged Metal Hard Sealing Fluorine Plastic Eccentricity Butterfly Valve

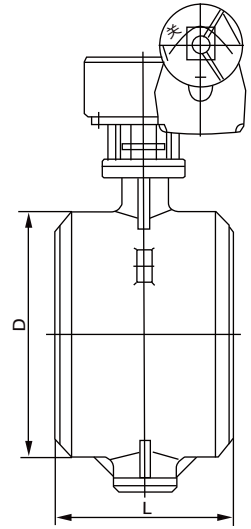
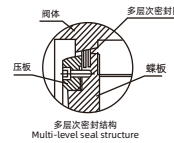
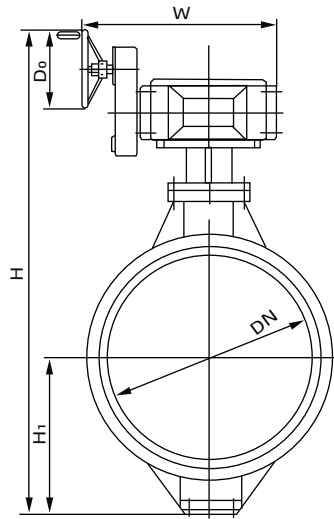
主要外形尺寸和重量 Main Dimensions & Weight

通径 DN Diameter	尺寸Dimension (mm)										重量(kg) Weight
	L	D	D1	D2	Z-φd	b	H	H1	W	W1	
D943 ^H _F -16C(PR.V)											
50	108	165	125	99	4-18	20	412	112	250	255	48
65	112	185	145	118	4-18	20	432	115	250	255	55
80	114	200	160	132	8-18	20	450	120	250	255	63
100	127	220	180	156	8-18	22	485	140	250	255	92
125	140	250	210	184	8-18	22	532	170	250	255	110
150	140	285	240	211	8-22	24	667	180	300	315	130
200	152	340	295	266	12-22	24	787	210	300	315	180
250	165	405	355	319	12-26	26	823	240	300	315	230
300	178	460	410	370	12-26	28	908	290	300	315	280
350	190	520	470	429	16-26	30	964	320	300	315	330
400	216	580	525	480	16-30	32	1022	350	300	315	420
450	222	640	585	530	20-30	40	1390	380	575	714	530
500	229	715	650	582	20-33	44	1450	410	575	714	630
600	267	840	770	682	20-36	44	1640	470	656	810	810
700	292	910	840	794	24-36	50	1844	550	656	810	990
800	318	1025	950	901	24-39	52	2040	640	656	810	1200
900	330	1125	1050	1001	28-39	54	2255	710	785	863	1600
1000	410	1255	1170	1112	28-42	56	2380	770	785	863	1900
1200	470	1485	1390	1328	32-48	44	2640	875	785	863	2500
1400	530	1690	1590	1530	36-48	48	2830	970	810	890	2900
1600	600	1930	1820	1750	40-56	52	2940	1150	810	890	3820
D943 ^H _F -25C(PR.V)											
50	108	165	125	99	4-18	20	412	112	250	255	50
65	112	185	145	118	8-18	22	432	115	250	255	58
80	114	200	160	132	8-18	24	450	120	250	255	65
100	127	235	190	156	8-22	24	485	140	250	255	105
125	140	270	220	184	8-26	26	532	170	250	255	120
150	140	300	250	211	8-26	28	667	180	300	315	140
200	152	360	310	274	12-26	30	787	210	300	315	180
250	165	425	370	330	12-30	32	823	240	300	315	260
300	178	485	430	389	16-30	34	908	290	300	315	340
350	190	555	490	448	16-33	38	964	320	300	315	450
400	216	620	550	503	16-36	40	1022	350	300	315	590
450	222	670	600	548	20-36	46	1390	380	575	714	660
500	229	730	660	609	20-36	48	1450	410	575	714	780
600	267	845	770	720	20-39	58	1640	470	656	810	1100
700	292	960	875	820	24-42	50	1844	550	656	810	1200
800	318	1085	990	928	24-48	54	2040	640	656	810	1600
900	330	1185	1090	1028	28-48	58	2255	710	785	863	1900
1000	410	1320	1210	1140	28-55	62	2380	780	785	863	2300

通径 DN Diameter	尺寸Dimension (mm)										重量(kg) Weight	
	L	D	D1	D2	D6	Z-φd	b	H	H1	W		W1
D943 ^H _F -40C(PR.V)												
50	150	165	125	99	88	4-18	20	412	112	250	255	55
65	170	185	145	118	110	8-18	22	432	115	250	255	65
80	180	200	160	132	121	8-18	24	450	120	250	255	80
100	190	235	190	156	150	8-22	24	485	140	250	255	110
125	200	270	220	184	176	8-26	26	532	170	250	255	128
150	210	300	250	211	204	8-26	28	667	180	300	315	150
200	230	375	320	284	260	12-30	34	787	210	300	315	190
250	250	450	385	345	313	12-33	38	823	240	300	315	272
300	270	515	450	409	364	16-33	42	908	290	300	315	350
350	290	580	510	465	422	16-36	46	964	320	300	315	465
400	310	660	585	535	474	16-39	50	1022	350	300	315	605

对焊式金属密封蝶阀

Eleventh butt-weld Metal Sealing Butterfly Valve



应用规范

- 1、设计、制造:GB12238-2008
- 2、结构长度:GB12221-2005
- 3、连接法兰:GB9113-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

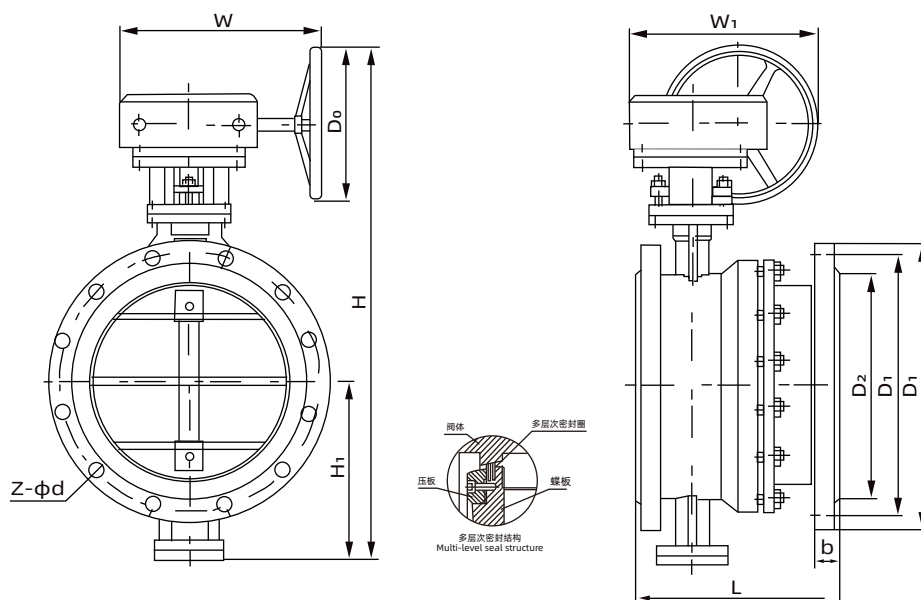
- 1、Design manufacture according to GB12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB9113-2000
- 4、Valve inspection and test according to GB/T13927-92

主要连接尺寸和重量 Main Connection Dimensions & Weight

公称通径 Nominal diameter		尺寸 Dimension (mm)					
L	DN(mm)	L	D	D0	H	H1	W
D363H-16C							
4	100	190	110	157	376	100	194
5	125	200	135	205	410	113	268
6	150	210	161	205	468	130	268
8	200	230	222	205	586	205	268
10	250	250	278	235	638	235	306
12	300	270	330	235	734	275	306
14	350	290	382	296	827	309	416
16	400	310	432	296	924	346	416
18	450	330	484	206	1045	302	416
20	500	350	535	400	1128	427	475
24	600	390	636	400	1372	509	475
28	700	430	726	400	1590	572	475
32	800	470	826	440	1722	638	592
36	900	510	926	440	2025	700	592
40	1000	550	1028	440	2155	765	592
40	1200	630	1220	500	2360	860	640
56	1400	710	1428	500	2636	986	640
64	1600	790	1628	500	2906	1106	640

伸缩型金属密封蝶阀

Telescopic Pattern Metal Sealing Butterfly Valve



产品特点及用途 Product characteristic and application

本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，能极大地方便阀门管路的安装与拆卸，提高经济效益。适用于食品、饮料、医药、纯净管路及工业环保、水处理、高层建筑、给排水管路作启闭或调节介质流量之用。

The butterfly valve is a kind of dual-purpose product which integrates expansion piece and flange butterfly valve. It is flexible axially within a certain range, which is helpful for the pipeline to expand when hot and shrink when cold, remove the pipeline

vibrancy and overcome the deflection caused by the disalignment of pipeline connection within a certain range which is extremely easy for installation and disassembly of the valve pipeline and thus improves the economic performance. It is applicable for food, beverage, pharmacy, purification pipeline and industrial environmental protection, water treatment, high-rise water supply and drainage pipeline for on/off or regulation of medium flow.

应用规范

- 1、设计、制造:GB12238-2008
- 2、结构长度:GB12221-2005
- 3、连接法兰:GB9113-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

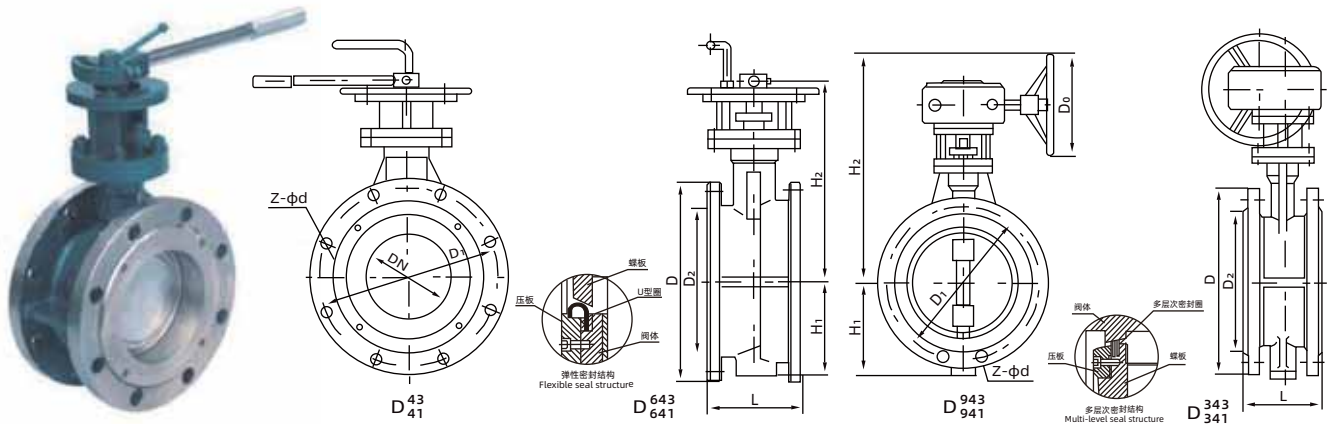
- 1、Design manufacture according to GB12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB9113-2000
- 4、Valve inspection and test according to GB/T13927-92

主要连接尺寸和重量 Main Connection Dimensions & Weight

通径 DN Diameter	尺寸 Dimension (mm)													重量(kg) Weight
	L	Lmax	Lmin	D	D1	D2	D0	b	H	H1	W	W1	Z-φd	
SD343H-10C														
50	150	163	138	165	125	99	157	20	360	112	195	185	4-18	17
65	170	188	158	185	145	118	157	20	380	115	195	185	4-18	19
80	180	192	162	200	160	132	157	20	455	120	195	185	8-18	20
100	190	225	180	220	180	156	157	22	490	140	195	185	8-18	25
125	200	235	190	250	210	184	205	22	490	170	268	250	8-22	34
150	210	240	195	285	240	211	205	24	630	180	268	250	8-22	67
200	230	265	215	340	295	266	235	24	690	210	305	300	12-22	88
250	250	285	235	395	350	319	235	26	830	240	305	300	12-22	113
300	270	302	252	445	400	370	296	26	930	290	415	400	16-22	120
350	290	321	271	505	460	429	296	26	1010	320	415	400	16-26	144
400	310	343	283	565	515	480	296	26	1070	350	415	400	20-26	180
450	330	360	300	615	565	530	400	28	1140	380	475	420	20-26	230
500	350	380	320	670	620	582	400	28	1200	410	475	420	20-26	280
600	390	425	365	780	725	682	400	34	1340	470	475	420	20-30	370

ANSI美标法兰连接金属硬密封蝶阀

ANSI Flange Connection Metal Sealing Butterfly Valve



应用规范

- 1、设计、制造:MSS-SP-68
- 2、结构长度:ISO5752第13系列
- 3、连接法兰:ANSI B16.5
- 4、阀门检查和试验:API598

Application Specification

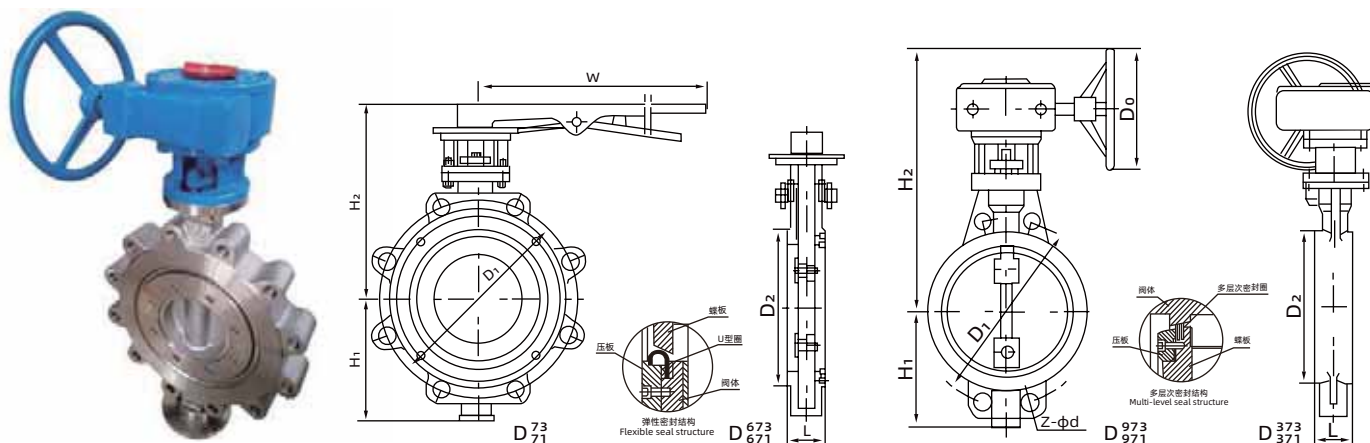
- 1、Design and manufacture according to MSS-SP-68
- 2、Face to face according to ISO5752 OF 13th series
- 3、End flange dimension according to ANSI B16.5
- 4、Valve inspection and test according to API598

主要外形尺寸和重量 Main Dimensions & Weight

公称通径 Nominal diameter		尺寸Dimension (mm)										重量 Weight (kg)	
in	mm	L	D	D1	D2	b	Z-φd	D0	H1	H2		D41	D341
										D41	D341		
D43H-150Lb、D343H-150Lb													
1 1/2	38	106	127	98.4	73	14.5	4-15	140	76	198	248	7	11
2	51	108	152	120.7	92	16	4-19	140	85	202	254	9	12
2 1/2	64	112	178	139.7	105	18	4-19	160	95	222	278	11.5	16
3	76	114	191	152.4	127	19.5	4-19	180	106	246	312	13	20
4	102	127	229	190.5	157	24	8-19	180	114	270	330	16.5	23
5	127	140	254	215.9	186	24	8-22	180	130	294	368	22	29
6	152	140	279	241.3	216	25.5	8-22	230	148	326	404	30.5	40.5
8	203	152	343	298.5	270	29	8-22	230	176	-	496	-	81
10	254	165	406	362.0	324	30.5	12-25	280	210	-	558	-	108
12	305	178	483	431.8	381	32	12-25	310	238	-	632	-	135
14	337	190	533	476.3	413	35	12-29	310	270	-	672	-	188
16	387	216	597	539.8	470	37	16-29	310	302	-	714	-	255
18	438	222	635	577.9	533	40	16-32	380	332	-	768	-	340
20	489	229	699	635.0	584	43	20-32	380	370	-	828	-	445
24	591	267	813	749.5	692	48	20-35	450	432	-	952	-	578
D43H-300Lb、D343H-300Lb													
1 1/2	38	140	156	114.3	73	21	4-22	140	76	198	248	10	14
2	51	150	165	127.0	92	22.5	8-19	140	85	202	254	11	15
2 1/2	64	170	191	149.2	105	25.5	8-22	180	95	222	288	15	20
3	76	180	210	168.3	127	29	8-22	180	106	246	322	17.5	25
4	102	190	254	200.0	157	32	8-22	230	122	278	355	21.5	29
5	127	200	279	235.0	186	35	8-22	230	140	304	392	28.5	36
6	152	210	318	269.9	216	37	12-22	280	156	336	428	39	50
8	203	230	381	330.2	270	41.5	12-22	280	186	-	520	-	96.5
10	254	250	445	387.4	324	48	16-29	310	220	-	574	-	127
12	305	270	521	450.8	381	51	16-32	380	250	-	668	-	159.5
14	337	290	584	514.4	413	54	20-32	380	288	-	708	-	222.5
16	387	310	648	571.5	470	57.5	20-35	380	322	-	750	-	298
18	438	330	711	628.6	533	60.5	24-35	450	348	-	802	-	399
20	489	350	775	685.8	584	63.5	24-35	450	378	-	862	-	523
24	591	390	914	812.8	692	70	24-41	560	434	-	1006	-	672

ANSI美标对夹连接金属硬密封蝶阀

ANSI Wafer Connection Metal Sealing Butterfly Valve



应用规范

- 1、设计、制造:MSS-SP-68
- 2、结构长度:ISO5752第13系列
- 3、连接法兰:ANSI B16.5
- 4、阀门检查和试验:API598

Application Specification

- 1、Design and manufacture according to MSS-SP-68
- 2、Face to face according to ISO5752 OF 13th series
- 3、End flange dimension according to ANSI B16.5
- 4、Valve inspection and test according to API598

主要外形尺寸和重量 Main Dimensions & Weight

公称通径 Nominal diameter		尺寸Dimension (mm)								重量 Weight (kg)	
in	mm	L	D1	D2	Z-φd	D0	H1	H2		D73	D373
								D73	D373		
D373H-150Lb											
11/2	38	33	98.4	73	4-15	140	76	200	250	3.5	7
2	51	46	120.7	92	4-19	140	85	208	260	5	8.5
2 ¹ / ₂	64	46	139.7	105	4-19	160	95	228	284	6	11
3	76	48	152.4	127	4-19	180	106	256	322	8.5	15.5
4	102	54	190.5	157	8-19	180	114	278	338	11.5	18.5
5	127	55	215.9	186	8-22	180	130	298	372	16	22.5
6	152	57	241.3	216	8-22	230	148	326	404	20.5	28
8	203	64	298.5	270	8-22	230	176	-	496	-	50
10	254	71	362.0	324	12-25	280	210	-	558	-	64
12	305	81	431.8	381	12-25	310	238	-	632	-	80
14	337	92	476.3	413	12-29	310	270	-	672	-	104
16	387	102	539.8	470	16-29	310	302	-	714	-	137.5
18	438	114	577.9	533	16-32	380	332	-	768	-	177.5
20	489	127	635.0	584	20-32	380	370	-	828	-	227
24	591	154	749.5	692	20-35	450	432	-	952	-	306.5
D373H-300Lb											
11/2	38	33	114.3	73	4-22	140	76	200	250	-	8.5
2	51	43	127.0	92	8-19	140	85	208	260	-	9.5
2 ¹ / ₂	64	46	149.2	105	8-22	180	95	228	294	-	12
3	76	48	168.3	127	8-22	180	106	256	332	-	17
4	102	54	200.0	157	8-22	230	122	285	364	-	20
5	127	55	235.0	186	8-22	230	140	308	396	-	24.5
6	152	59	269.9	216	12-22	280	156	336	430	-	30.5
8	203	73	330.2	270	12-25	280	186	-	522	-	54
10	254	83	387.4	324	16-29	310	220	-	574	-	68
12	305	92	450.8	381	16-32	380	250	-	668	-	86
14	337	117	514.4	413	20-32	380	288	-	708	-	112
16	387	133	571.5	470	20-35	380	322	-	750	-	148
18	438	149	628.6	533	24-35	450	348	-	804	-	190
20	489	159	685.8	584	24-35	450	378	-	862	-	242
24	591	181	812.8	692	24-41	560	434	-	1008	-	326

手动、涡轮传动对夹式软密封蝶阀

Manual, Worm Wheel Driving Wafer Connection Soft Sealing Butterfly Valve

应用规范

- 1、设计、制造:GB/Y12238-2008
- 2、结构长度:GB/T12221-2005
- 3、连接法兰:GB4216.4-84;GB9115.8-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

- 1、Design manufacture according to GB/T12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB4216.4-84;GB9115.8-2000
- 4、Valve inspection and test according to GB/T13927-92

性能规范

阀体材料: 铸铁、碳钢、不锈钢等

密封圈材料: 丁晴橡胶X1 -46~+121°C

氨丁橡胶X1 -29~+99°C

丁晴橡胶X3 -23~+82°C

氯丁橡胶X4 -23~+150°C

聚四氟乙烯塑料F4 10~+150°C

适用介质: 淡水、污水、海水、空气、蒸汽、食品、药品、各种油类、酸类、碱类、盐类等。

Function Norm

Valve body material: Cast iron, carbon steel, stainless steel etc

Seal ring material: Chemigum X1 -46~+121°C

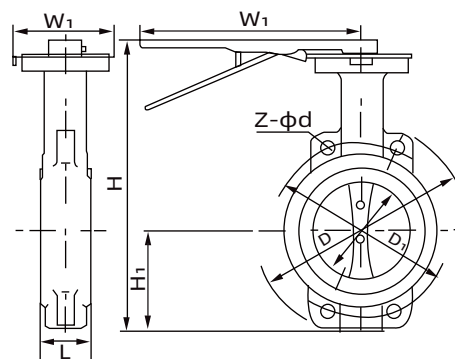
Ammonia buna X2 -29~+99°C

Chemigum X3 -23~+82°C

Neoprene X4 -23~+150°C

PTFE plastic F4 10~+150°C

Applicable medium: fresh water, sewage, seawater, air, steam, food, medicine, various oil products, acid products, alkali products, salty products, etc.



主要连接尺寸 Main Connection Dimensions

公称通径DN(mm) Nominal Diameter	尺寸Dimension (mm)								
	L	D	D1	D2	Z-φd	H	H1	W	W1
D71 X ₁₀ ⁻⁶ (C.R.P.Z)									
50	43	165	125	99	4-18	235	63	270	65
65	46	185	145	118	4-18	250	70	270	65
80	46	200	160	132	8-18	275	83	270	65
100	52	220	180	156	8-18	316	105	270	65
125	56	250	210	184	8-18	340	115	310	65
150	56	285	240	211	8-22	376	137	310	65
200	60	340	295	266	8-22	472	164	365	90

公称通径DN(mm) Nominal Diameter	尺寸Dimension (mm)									
	L	D	D1	D2	Z-φd	H	H1	W	W1	D0
D ₃ ² 71 X ₁₀ ⁻⁶ (C.R.P.Z)										
50	43	165	125	99	4-18	305	62	192	125	150
65	46	185	145	118	4-18	325	69	192	125	150
80	46	200	160	132	8-18	345	85	192	125	150
100	52	220	180	156	8-18	385	105	192	125	150
125	56	250	210	184	8-18	410	114	192	125	150
150	56	285	240	211	8-22	445	138	192	125	150
200	60	340	295	266	8-22	570	165	280	165	220
250	68	395	350	319	12-22	645	205	280	165	220
300	78	445	400	370	12-22	735	228	335	175	280
350	78	505	460	429	16-22	765	250	335	175	280
400	102	565	515	480	16-22	878	288	425	210	320
450	114	615	565	530	20-26	935	325	425	210	320
500	127	670	620	582	20-26	995	345	425	210	320
600	154	780	725	682	20-30	1130	410	425	210	320
700	165	895	840	794	24-30	1475	490	620	320	400
800	190	1015	950	901	24-33	1532	530	620	320	400
900	203	1115	1050	1001	28-33	1652	580	620	320	400
1000	216	1230	1160	1112	28-36	1764	645	620	400	400
1200	254	1455	1380	1328	32-39	1998	760	620	400	400

气动对夹式软密封蝶阀

Pneumatic Wafer Connection Soft Sealing Butterfly Valve

应用规范

- 1、设计、制造:GB/Y12238-2008
- 2、结构长度:GB/T12221-2005
- 3、连接法兰:GB4216.4-84;GB9115.8-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

- 1、Design manufacture according to GB/T12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB4216.4-84;GB9115.8-2000
- 4、Valve inspection and test according to GB/T13927-92

性能规范

阀体材料: 铸铁、碳钢、不锈钢等

密封圈材料: 丁睛橡胶X1 -46~+121°C

 氨丁橡胶X1 -29~+99°C

 丁睛橡胶X3 -23~+82°C

 氯丁橡胶X4 -23~+150°C

 聚四氟乙烯塑料F4 10~+150°C

适用介质: 淡水、污水、海水、空气、蒸汽、食品、
药品、各种油类、酸类、碱类、盐类等。

Function Norm

Valve body material: Cast iron, carbon steel, stainless steel etc

Seal ring material: Chemigum X1 -46~+121°C

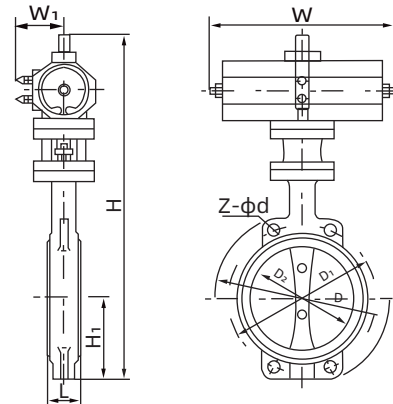
 Ammonia buna X2 -29~+99°C

 Chemigum X3 -23~+82°C

 Neoprene X4 -23~+150°C

 PTFE plastic F4 10~+150°C

Applicable medium: fresh water, sewage, seawater, air, steam,
food, medicine, various oil products, acid
products, alkali products, salty products,
etc.



主要连接尺寸 Main Connection Dimensions

公称通径DN(mm) Nominal Diameter	尺寸Dimension (mm)							
	L	D	D1	Z-φd	H	H1	W	W1
D671 ^X _{-6/10} (C.R.P.Z)								
50	43	165	125	4-18	315	62	180	65
65	46	185	145	4-18	330	69	180	65
80	46	200	160	8-18	390	85	245	72
100	52	220	180	8-18	430	105	245	72
125	56	250	210	8-18	458	114	245	72
150	56	285	240	8-22	620	138	355	93
200	60	340	295	8-22	715	165	355	93
250	68	395	350	12-22	795	205	550	350
300	78	445	400	12-22	855	228	660	350
350	78	505	460	16-22	880	250	600	350
400	102	565	515	16-22	975	288	600	350
450	114	615	565	20-26	1040	325	750	380
500	127	670	620	20-26	1080	345	750	380
600	154	780	725	20-30	1235	410	750	380
700	165	895	840	24-30	1425	480	750	380
800	190	1015	950	24-33	1480	522	750	380

电动对夹式软密封蝶阀

Pneumatic Wafer Connection Soft Sealing Butterfly Valve

应用规范

- 1、设计、制造:GB/Y12238-2008
- 2、结构长度:GB/T12221-2005
- 3、连接法兰:GB4216.4-84;GB9115.8-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

- 1、Design manufacture according to GB/T12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB4216.4-84;GB9115.8-2000
- 4、Valve inspection and test according to GB/T13927-92

性能规范

阀体材料: 铸铁、碳钢、不锈钢等

密封圈材料: 丁晴橡胶X1 -46~+121°C

氨丁橡胶X1 -29~+99°C

丁晴橡胶X3 -23~+82°C

氯丁橡胶X4 -23~+150°C

聚四氟乙烯塑料F4 10~+150°C

适用介质: 淡水、污水、海水、空气、蒸汽、食品、
药品、各种油类、酸类、碱类、盐类等。

Function Norm

Valve body material: Cast iron, carbon steel, stainless steel etc

Seal ring material: Chemigum X1 -46~+121°C

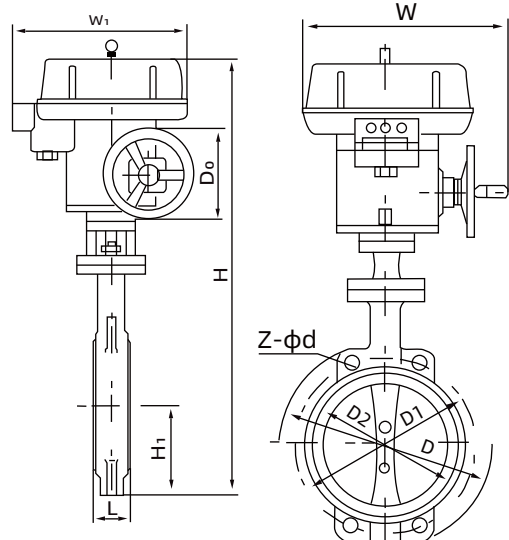
Ammonia buna X2 -29~+99°C

Chemigum X3 -23~+82°C

Neoprene X4 -23~+150°C

PTFE plastic F4 10~+150°C

Applicable medium: fresh water, sewage, seawater, air, steam,
food, medicine, various oil products, acid
products, alkali products, salty products,
etc.



主要连接尺寸和重量 Main Connection Dimensions & Weight

公称通径DN(mm) Nominal Diameter	尺寸Dimension (mm)									重量 (kg) Weight
	L	D	D1	D2	Z-φd	H	H1	W	W1	
$D_{971} \times \frac{6}{10} \text{ (C.R.P.Z)}$										
50	43	165	125	99	4-18	435	62	125	125	80
65	46	185	145	118	4-18	450	69	125	125	80
80	46	200	160	132	8-18	480	85	125	125	80
100	52	220	180	156	8-18	520	105	125	125	80
125	56	250	210	184	8-18	710	114	325	245	150
150	56	285	240	211	8-22	745	138	325	245	150
200	60	340	295	266	8-22	840	165	325	245	150
250	68	395	350	319	12-22	945	205	365	312	200
300	78	445	400	370	12-22	1015	228	365	312	200
350	78	505	460	429	16-22	1045	250	365	312	250
400	102	565	515	480	16-22	1132	288	365	312	250
450	114	615	565	530	20-26	1228	325	465	428	300
500	127	670	620	582	20-26	1268	345	545	430	360
600	154	780	725	682	20-30	1390	410	545	555	360
700	165	895	840	794	24-30	1530	490	545	555	360
800	190	1015	950	901	24-33	1658	530	545	555	360
900	203	1115	1050	1001	28-33	1740	280	618	705	360
1000	216	1230	1160	1112	28-36	1810	645	630	705	360
1200	254	1455	1380	1328	32-39	2030	760	630	705	360

注:1、以上蝶阀的密封试验压力DN50-DN800为1.0MPa;DN900-DN1000为0.6MPa;DN1200以上为0.25MPa。

2、以上蝶阀的连接尺寸均按1.0MPa标准制造,如用户特殊要求需要,签定合同时请详细注明。

Note:1.The seal testing pressure of the above butterfly valve is 1.0MPa for DN50-DN800, 0.6MPa for DN900-DN1000 and 0.25MPa for DN1200 above

2. The connection size for the above butterfly valve is manufactured by the standard 1.0MPa in case of special requirements by users, details should be noted in the contract

手动、蜗轮传动法兰式密封蝶阀

Manual, Worm Wheel Driving Flange Soft Sealing Butterfly Valve

应用规范

- 1、设计、制造:GB/Y12238-2008
- 2、结构长度:GB/T12221-2005
- 3、连接法兰:GB4216.4-84;GB9115.8-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

- 1、Design manufacture according to GB/T12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB4216.4-84;GB9115.8-2000
- 4、Valve inspection and test according to GB/T13927-92

性能规范

阀体材料: 铸铁、碳钢、不锈钢等

密封圈材料: 丁晴橡胶X1 -46~+121°C

氨丁橡胶X1 -29~+99°C

丁晴橡胶X3 -23~+82°C

氯丁橡胶X4 -23~+150°C

聚四氟乙烯塑料F4 10~+150°C

适用介质: 淡水、污水、海水、空气、蒸汽、食品、药品、各种油类、酸类、碱类、盐类等。

Function Norm

Valve body material: Cast iron, carbon steel, stainless steel etc

Seal ring material: Chemigum X1 -46~+121°C

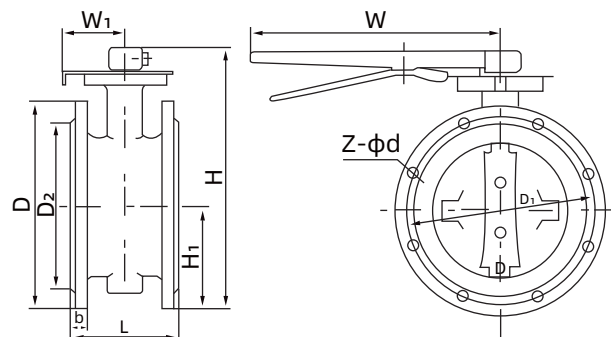
Ammonia buna X2 -29~+99°C

Chemigum X3 -23~+82°C

Neoprene X4 -23~+150°C

PTFE plastic F4 10~+150°C

Applicable medium: fresh water, sewage, seawater, air, steam, food, medicine, various oil products, acid products, alkali products, salty products, etc.



主要连接尺寸和重量 Main Connection Dimensions & Weight

公称通径DN(mm) Nominal Diameter	尺寸Dimension (mm)										重量 (kg) Weight	
	L	D	D1	D2	b	Z-φd	H	H1	W	W1		
D41 X ₁₀ ⁻⁶ (C.R.P.Z)												
50	108	165	125	99	20	4-18	238	82.5	270	65	8.5	
65	112	185	145	118	20	4-18	258	92.5	270	65	9.5	
80	124	200	160	132	20	8-18	278	100	270	65	11	
100	127	220	180	156	22	8-18	295	110	270	65	15	
125	140	250	210	184	22	8-18	308	125	310	65	21	
150	140	285	240	211	24	8-22	635	142.5	310	65	24	
200	152	340	295	266	24	8-22	510	170	365	90	41	

公称通径DN(mm) Nominal Diameter	尺寸Dimension (mm)										重量 (kg) Weight	
	L	D	D1	D2	b	Z-φd	H	H1	W	W1		D0
D ₃ 41 X ₁₀ ⁻⁶ (C.R.P.Z)												
50	108	165	125	99	20	4-18	305	82.5	192	125	150	13
65	112	185	145	118	20	4-18	325	92.5	192	125	150	14
80	124	200	160	132	20	8-18	345	100	192	125	150	15
100	127	220	180	156	22	8-18	385	110	192	125	150	19
125	140	250	210	184	22	8-18	410	125	192	125	150	25
150	140	285	240	211	24	8-22	445	142.5	192	125	150	27
200	152	340	295	266	24	8-22	570	170	280	165	220	48
250	250	395	350	319	26	12-22	645	192.5	280	165	220	68.5
300	270	445	400	370	26	12-22	735	222.5	335	175	280	90.5
350	290	505	460	429	26	16-22	765	252.5	335	175	280	110
400	310	565	515	480	26	16-22	878	282.5	425	210	320	140
450	330	615	565	530	28	20-26	935	307.5	425	210	320	180
500	350	670	620	582	28	20-26	995	335	425	210	320	215
600	390	780	725	682	34	20-30	1130	390	425	210	320	290
700	430	895	840	794	34	24-30	1475	447.5	620	320	400	560
800	470	1015	950	901	36	24-33	1532	507.5	620	320	400	910
900	510	1115	1050	1001	38	28-33	1650	557.5	620	320	400	1500
1000	550	1230	1160	1112	38	28-36	1768	615	620	400	400	1750
1200	630	1455	1380	1328	44	32-39	1990	727.5	620	400	400	2180

气动法兰式软密封蝶阀

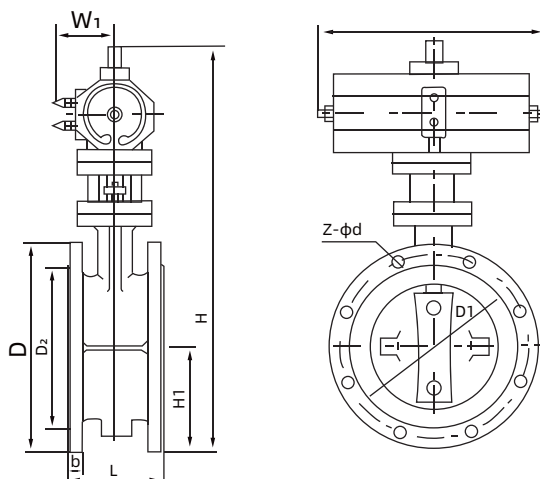
Pneumatic Flange Soft Sealing Butterfly Valve

应用规范

- 1、设计、制造:GB/Y12238-2008
- 2、结构长度:GB/T12221-2005
- 3、连接法兰:GB4216.4-84;GB9115.8-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

- 1、Design manufacture according to GB/T12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB4216.4-84;GB9115.8-2000
- 4、Valve inspection and test according to GB/T13927-92



性能规范

- 阀体材料: 铸铁、碳钢、不锈钢等
 密封圈材料: 丁晴橡胶X1 -46~+121°C
 氨丁橡胶X1 -29~+99°C
 丁晴橡胶X3 -23~+82°C
 氯丁橡胶X4 -23~+150°C
 聚四氟乙烯塑料F4 10~+150°C
 适用介质: 淡水、污水、海水、空气、蒸汽、食品、
 药品、各种油类、酸类、碱类、盐类等。

Function Norm

- Valve body material: Cast iron, carbon steel, stainless steel etc
 Seal ring material: Chemigum X1 -46~+121°C
 Ammonia buna X2 -29~+99°C
 Chemigum X3 -23~+82°C
 Neoprene X4 -23~+150°C
 PTFE plastic F4 10~+150°C
 Applicable medium: fresh water, sewage, seawater, air, steam,
 food, medicine, various oil products, acid
 products, alkali products, salty products,
 etc.

主要连接尺寸和重量 Main Connection Dimensions & Weight

公称通径DN(mm) Nominal Diameter	尺寸Dimension (mm)										重量 (kg) Weight
	L	D	D1	D2	b	Z-φd	H	H1	W	W1	
D641 X _J ⁻⁶ / ₁₀ (C.R.P.Z)											
50	108	165	125	99	20	4-18	335	82.5	180	65	14
65	112	185	145	118	20	4-18	355	92.5	180	65	16
80	124	200	160	132	20	8-18	410	100	245	72	17
100	127	220	180	156	22	8-18	425	110	245	72	21
125	140	250	210	184	22	8-18	445	125	245	72	27
150	140	285	240	211	24	8-22	555	142.5	355	93	29
200	152	340	295	266	24	8-22	675	170	355	93	50
250	250	395	350	319	26	12-22	740	192.5	550	350	69
300	270	445	400	370	26	12-22	805	222.5	660	350	91
350	290	505	460	429	26	16-22	865	252.5	600	350	110
400	310	565	515	480	26	16-22	945	282.5	600	350	138
450	330	615	565	530	28	20-26	990	307.5	750	380	175
500	350	670	620	582	28	20-26	1060	335	750	380	210
600	390	780	725	682	34	20-30	1165	390	750	380	275
700	430	895	840	794	34	24-30	1285	447.5	750	380	530
800	470	1015	950	901	36	24-33	1399	507.5	750	380	590
900	510	1115	1050	1001	38	28-33	1495	557.5	850	400	1400
1000	550	1230	1160	1112	38	28-36	1612	615	850	400	1652

注:1、以上蝶阀的密封试验压力DN50-DN800为1.0MPa;DN900-DN1000为0.6MPa;DN1200以上为0.25MPa。
 2、以上蝶阀的连接尺寸均按1.0MPa标准制造,如用户特殊要求需要,签订合同时应详细注明。
 Note:1.The seal testing pressure of the above butterfly valve is 1.0MPa for DN50-DN800, 0.6MPa for DN900-DN1000 and 0.25MPa for DN1200 above.
 2. The connection size for the above butterfly is manufactured by the standard 1.0MPa in case of special requirements by users, details should be noted in the contract

电动法兰式软密封蝶阀

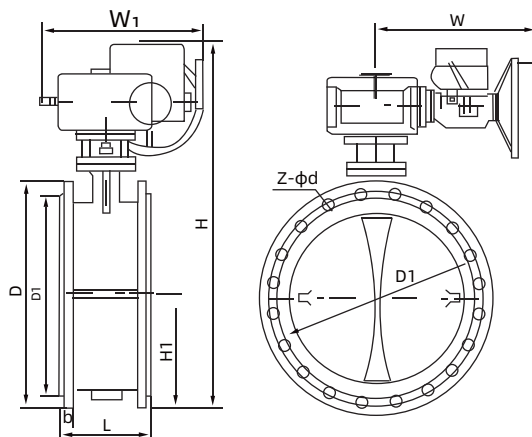
Pneumatic Flange Soft Sealing Butterfly Valve

应用规范 Z-φd

- 1、设计、制造:GB/Y12238-2008
- 2、结构长度:GB/T12221-2005
- 3、连接法兰:GB4216.4-84;GB9115.8-2000
- 4、阀门检查和试验:GB/T13927-92

Application Specification

- 1、Design manufacture according to GB/T12237-2008
- 2、Face to face according to GB/T 12221-2005
- 3、End flange dimension according to GB4216.4-84;GB9115.8-2000
- 4、Valve inspection and test according to GB/T13927-92



性能规范

阀体材料: 铸铁、碳钢、不锈钢等

密封圈材料: 丁晴橡胶X1 -46~+121°C

氨丁橡胶X1 -29~+99°C

丁晴橡胶X3 -23~+82°C

氯丁橡胶X4 -23~+150°C

聚四氟乙烯塑料F4 10~+150°C

适用介质: 淡水、污水、海水、空气、蒸汽、食品、药品、各种油类、酸类、碱类、盐类等。

Function Norm

Valve body material: Cast iron, carbon steel, stainless steel etc

Seal ring material: Chemigum X1 -46~+121°C

Ammonia buna X2 -29~+99°C

Chemigum X3 -23~+82°C

Neoprene X4 -23~+150°C

PTFE plastic F4 10~+150°C

Applicable medium: fresh water, sewage, seawater, air, steam, food, medicine, various oil products, acid products, alkali products, salty products, etc.

主要连接尺寸和重量 Main Connection Dimensions & Weight

公称通径DN(mm) Nominal Diameter	尺寸Dimension (mm)										重量 (kg) Weight
	L	D	D1	D2	b	Z-φd	H	H1	W	W1	
D941 X ₁₀ ⁻⁶ (C.R.P.Z)											
50	108	165	125	99	20	4-18	440	82.5	125	125	50
65	112	185	145	118	20	4-18	465	92.5	125	125	61
80	124	200	160	132	20	8-18	480	100	125	125	73
100	127	220	180	156	22	8-18	498	110	125	125	87
125	140	250	210	184	22	8-18	680	125	325	245	98
150	140	285	240	211	24	8-22	738	142.5	325	245	102
200	152	340	295	266	24	8-22	805	170	325	245	150
250	250	395	350	319	26	12-22	895	192.5	363	313	170
300	270	445	400	370	26	12-22	955	222.5	363	313	220
350	290	505	460	429	26	16-22	1030	252.5	363	313	350
400	310	565	515	480	26	16-22	1105	282.5	363	313	430
450	330	615	565	530	28	20-26	1280	307.5	465	339	550
500	350	670	620	582	28	20-26	1185	335	546	431	580
600	390	780	725	682	34	20-30	1232	390	546	556	850
700	430	895	840	794	34	24-30	1432	447.5	546	556	950
800	470	1015	950	901	36	24-33	1542	507.5	546	556	1150
900	510	1115	1050	1001	38	28-33	1800	557.5	617	706	1750
1000	550	1230	1160	1112	38	28-36	2365	615	632	706	2100
1200	630	1455	1380	1328	44	32-39	2585	727.5	632	706	2580

注:1、以上蝶阀的密封试验压力DN50-DN800为1.0MPa;DN900-DN1000为0.6MPa;DN1200以上为0.25MPa。

2、以上蝶阀的连接尺寸均按1.0MPa标准制造,如用户特殊要求需要,签订合同时应详细注明。

Note:1.The seal testing pressure of the above butterfly valve is 1.0MPa for DN50-DN800, 0.6MPa for DN900-DN1000 and 0.25MPa for DN1200 above

2. The connection size for the above butterfly valve is manufactured by the standard 1.0MPa in case of special requirements by users, details should be noted in the contract

气动法兰式软密封蝶阀

Pneumatic Flange Soft Sealing Butterfly Valve

结构特点 Structural Characteristic

水力控制阀就是用水压控制的阀门，它由一个主阀(如图所示)及其附设的导管、导阀、针阀、球阀和压力表等组成。根据使用目的、功能及场所的不同可演变成遥控浮球阀、减压阀、缓闭止回阀、流量控制阀、泄压阀、水力电动控制阀等。水力控制阀隔膜型和活塞型两类，工作原理相同，都是以上游压力差 ΔP 为动力，由导阀控制，使隔膜(活塞)液压式差动操作，完全由水力自调节，从而使主阀阀盘完全开启或完全关闭或处于调节状态。当进入隔膜(活塞)上方控制室内的压力水被排到大气或下游低压区时，作用在阀盘底部和隔膜下方的压力值就大于上方的压力值，所以将主阀阀盘推倒到完全开启的位置；当进入隔膜(活塞)上方控制室内的压力水不能排到大气或下游低压区时，作用在隔膜(活塞)上方的压力值就大于上方的压力值，所以就会把主阀阀盘乐到完全关闭的位置；当隔膜(活塞)上方控制室内的压力值外干入口压力与出口压力中间时，主阀阀盘就外干调节状态，其调节位置取决于导管系统中的针阀和可调导阀的联合控制作用。可调导阀可以通过下游的出口压力并随它的变化而开大或关小其自身的小阀口，从而改变隔膜(活塞)上方控制室的压力值，控制主阀阀盘的调节位置。

The hydraulic control valve is a kind of valve controlled by hydraulic pressure which consists of a main valve (as shown in the figure) plus the additional guide tube pilot valve, needle valve, ball valve, pressure reducing valve, etc. According to differences in application purpose, function and places, its derivatives include remote control floating ball valve, pressure reducing valve, slow-shut check valve, flow control valve, relief valve, hydraulic electric control valve, etc. The hydraulic control valve is divided into two kinds: diaphragm and piston. Both follow the same working principle, which are powered by the difference between the upstream pressure and the downstream pressure ΔP and controlled by the pilot valve, making the hydraulic differential operation of the diaphragm (piston) and the full automatic hydraulic regulation so that the main valve disc is fully open or fully closed or in a state of regulation. When the hydraulic water goes into the control cabinet over the diaphragm (piston) and is discharged into the atmosphere of the lower pressure area downstream, the value of pressure on the disc bottom and the downside below the diaphragm will be larger than that on the top, so that the main valve disc is pushed to the position of full opening. When the hydraulic water going into the control cabinet over the diaphragm (piston) is not discharged into the atmosphere or the lower pressure area downstream, the value of pressure on the top of the diaphragm (piston) is larger than that on the bottom of the disc, so that the main valve disc is pushed to the position of full closing. When the value of pressure in the control cabinet over the diaphragm (piston) is between and adjustable pilot valve in the conduit system. The adjustable pilot valve can adjust its valve opening along the change of the downstream outlet pressure so as to change the value of pressure in the control cabinet over the diaphragm (piston) to control the regulation position of the main valve disc.



100x遥控浮球阀

100x Remote control floating ball valve

作用与用途：控制水塔或水池的液面，保养简单，灵活耐用。液位控制准确度高，水位不收水压干扰且关闭紧密不漏水。

Function and purpose: to control the liquid level of the water tower or the pond, which is flexible, durable and easy for maintenance with a high accuracy of liquid level control and the liquid free from interference by hydraulic pressure as well as airtight on/off with no water leakage.

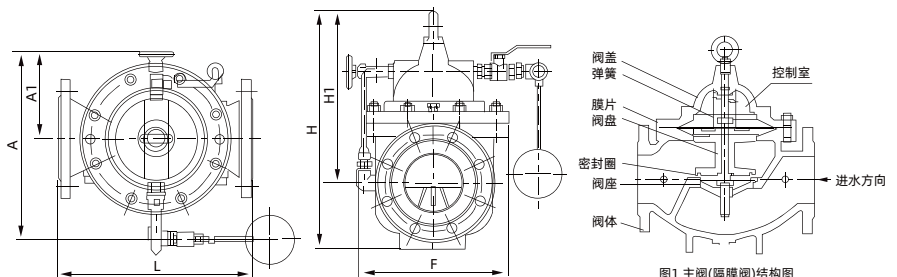


图1 主阀(隔膜阀)结构图
figure 1 Structural diagram of master valve (diaphragm type)

压力等级: PN10、PN16、PN25

隔膜式: DN20~450

活塞式: DN500~750

介质温度: 0~80°C

Pressure class: PN10、PN16、PN25

Diaphragm type: DN20~450

Piston type: DN500~750

Medium temperature: 0~80°C

主要外形尺寸 Main External Form Dimension

(法兰连接尺寸: PN10、PN16按GB4216, PN25按GB9113.4)

公称通径DN(mm) Nominal Diameter	尺寸Dimension (mm)						
	L	A1	A	H1	H	F	
20	150	130	325	179	212	116	
25	160	130	325	179	212	116	
32	180	130	325	179	212	116	
40	200	140	335	210	265	168	
50	203	140	335	210	265	168	
65	216	140	335	215	310	180	
80	241	145	345	245	350	210	
100	292	155	365	305	460	284	
125	330	165	385	365	520	310	
150	356	180	410	415	570	370	
200	495	205	465	510	840	463	
250	622	225	505	560	890	525	
300	698	245	545	658	1030	625	
350	787	275	595	696	1090	705	
400	914	285	625	735	1150	778	
450	978	285	625	735	1150	778	
500	978	410	780	750	1110	690	
600	1230	456	888	850	1286	785	

电动法兰式软密封蝶阀

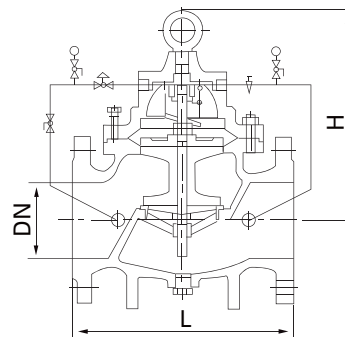
Pneumatic Flange Soft Sealing Butterfly Valve

200X型减压阀 200X Pressure Reducing Valve

作用与用途:调节与控制主阀的出口压力,主阀出口压力不因进口压力变化而变化,亦不因主阀出口流量变化而改变其出口压力。可用于生活给水、消防系统及工业给水系统。

Function and purpose to regulate and control the outlet pressure of the main valve which doesn't change along with the change of the inlet pressure or the outlet discharge of the main valve it can be used for domestic water supply, fire systems and industrial water supply systems.

压力等级:PN10、PN16、PN25 Pressure class:PN10、PN16、PN25
隔膜式:DN20~450 Diaphragm type:DN20~450
活塞式:DN500~750 Piston type:DN500~750
介质温度:0~80°C Medium temperature:0~80°C



主要外形尺寸 Main External Form Dimension

公称通径DN(mm) Nominal Diameter	尺寸Dimension (mm)		
	L	宽 Width	H
20	150	245	195
25	160	254	208
32	180	263	222
40	200	272	237
50	203	282	254
65	216	292	272
80	241	310	282
100	292	330	303
125	330	358	344
150	356	385	385
200	495	438	437
250	622	490	532
300	698	550	600
350	787	617	677
400	914	693	764
450	978	778	862
500	978	873	972
600	1230	980	1096

300X型缓闭止回阀 300X Slow-shut Check Valve

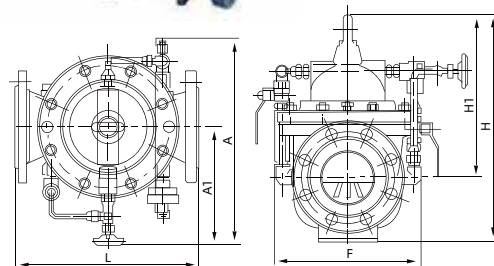
作用与用途:能够调控启闭速度的止回阀,在水泵启动或停止运行时,可配合现场调节至最佳开启或关闭速度。可用于高层建筑,减小水锤现象,以达到安全及安静的启闭效果

Function and purpose: a check valve to regulate and control the on/off speed which can regulate to the optimal on/off speed in accordance with the site when the water pump starts or stops running. It can be used for high-rise to reduce the water hammer to achieve safety and a quiet on/off effect

主要外形尺寸 Main External Form Dimension

公称通径DN(mm)	尺寸Dimension (mm)					
	L	A1	A	H1	H	F
20	150	200	282	106	172	116
25	160	200	282	106	172	116
32	180	200	282	106	172	116
40	200	210	320	137	225	168
50	203	210	320	137	225	168
65	216	215	330	145	270	180
80	241	220	330	178	289	210
100	292	230	410	232	375	284
125	330	245	420	286	420	310
150	356	260	420	318	450	370
200	495	280	430	413	722	463
250	622	300	450	502	769	525
300	698	320	460	600	906	625
350	787	340	470	638	1480	705
400	914	360	480	677	1027	778
450	978	360	480	677	1027	778
500	978	410	780	750	1110	690
600	1230	456	888	850	1286	785

压力等级:PN10、PN16、PN25 Pressure class:PN10、PN16、PN25
隔膜式:DN20~450 Diaphragm type:DN20~450
活塞式:DN500~750 Piston type:DN500~750
介质温度:0~80°C Medium temperature:0~80°C



400XA型流量控制阀/500X型泄压阀

400XA Flow Control Valve/500X Relief Valve

400XA型流量控制阀 400XA Flow Control Valve

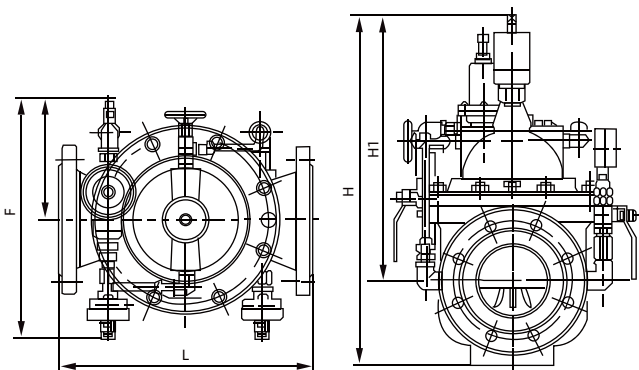
作用与用途:主阀安装在配水路需控制流量和压力的管路中,保持预定流量不变,将过大流量限制在一个预定值,将上游高压减为下游低压。即使主阀上游的压力发生变化,也不会影响主阀下游的流量。

Function and purpose:the main valve is mounted in the section needing to control flow and pressure in the distributing pipeline to keep the preset flow unchanged limit an excessive flow at a preset value and reduce the upstream high pressure to the downstream low pressure. Even if the upstream pressure of the main valve changes it will not affect the downstream flow of the main valve.

压力等级:PN10、PN16、PN25 Pressure class:PN10、PN16、PN25
隔膜式:DN20~450 Diaphragm type:DN20~450
活塞式:DN500~750 Piston type:DN500~750
介质温度:0~80°C Medium temperature:0~80°C

主要外形尺寸 Main External Form Dimension

公称通径DN(mm)	尺寸Dimension (mm)				
	L	F1	F	H1	H
20	150	136	292	247	342
25	160	136	292	247	342
32	180	136	292	247	342
40	200	155	330	278	395
50	203	155	330	278	395
65	216	165	350	298	405
80	241	175	365	313	430
100	292	195	410	350	510
125	330	220	455	365	560
150	356	230	475	420	585
200	495	255	530	450	675
250	622	300	623	470	730
300	698	340	700	490	760
350	787	415	840	526	840
400	914	430	880	570	910
450	978	430	880	570	910



500X型泄压阀 500X Relief valve

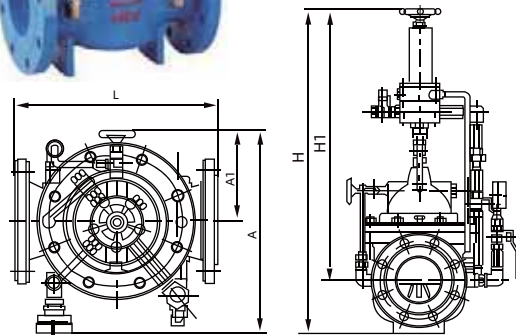
作用与用途:当给水管中压力超过泄压阀设定压力时,泄压阀开启,防止管线及设备因超压而损坏,可用于高压建筑消防测试循环系统之泄压用,以防止水压过高造成系统危险。

Function and purpose: when the pressure in the water supply pipe exceeds the preset pressure of the relief valve, the relief valve will work to avoid damages of the pipeline and equipment due to overpressure which can be used for pressure relief of the fire control circulation testina system in high-pressure buildings to avoid dangers to the system due to excessive hydraulic pressure

主要外形尺寸 Main External Form Dimension

公称通径DN(mm)	尺寸Dimension (mm)				
	L	A1	A	H1	H
20	150	130	333	463	557
25	160	130	333	463	557
32	180	130	333	463	557
40	200	140	343	516	610
50	203	140	343	516	610
65	216	140	355	520	625
80	241	145	360	537	642
100	292	155	400	596	750
125	330	165	420	653	808
150	356	180	435	709	864
200	495	205	480	805	1135
250	622	225	530	855	1135
300	698	245	575	953	1325
350	787	275	620	990	1385
400	914	285	668	1030	1445
450	978	285	668	1030	1445
500	978	410	780	750	1110
600	1230	456	888	850	1286

压力等级:PN10、PN16、PN25 Pressure class:PN10、PN16、PN25
隔膜式:DN20~450 Diaphragm type:DN20~450
活塞式:DN500~750 Piston type:DN500~750
介质温度:0~80°C Medium temperature:0~80°C



JD745X多功能水泵控制阀

Multi-functional Water Pump Control Valve

用途 Usage

安装在高层建筑给水系统以及其它给水系统的水泵出口管道上，防止介质倒流，防止水锤及水击现象的产生。一阀兼具电动阀、逆止阀和水锤消除器三种功能，可有效地提高供水系统的安全可靠性。

It is mounted on the water pump outlet pipeline of high-rise water supply systems and other water supply systems to avoid the reflux of the medium, water hammer and sound of water hammer. It integrates three functions: electric valve, check valve and water hammer arrester which can improve safety and reliability of the water supply system effectively.

特点 Characteristic

- 1、消除水锤效果好。将缓开、速闭、缓闭消除水锤的技术原理一体化，防止开泵水锤和停泵水锤的产生。
- 2、操作方便。只需操作水泵电机启闭按钮，阀门即按照水泵操作规程实现自动开闭。
- 3、节能效果好。阀体采用了全能道流线型直流式设计，压力损失小，流量大，且体积小，重量轻。

1. Good effect of removing water hammer. Integrating the technical theory of removing water hammer by slow opening, quick shut and slow shut. It can avoid the water hammer during pump starting and stopping.

2. Easy operation. Just operate the on/off button of the water pump motor and the valve will achieve automatic on/off according to operating instructions of water pump.

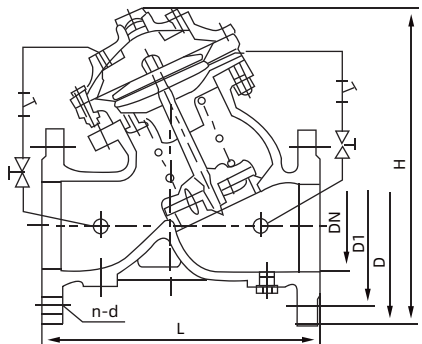
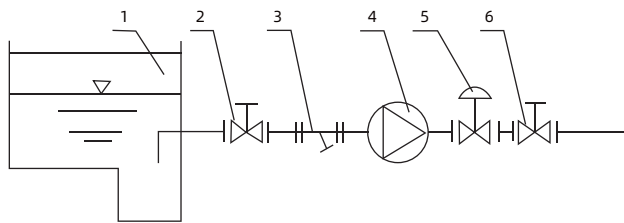
3. High energy saving. The valve body adopts an all-purpose-passagestreamline straight-through design with small pressure loss and large flow, being compact and light.

主要技术参数 Main Technology Parameter

- 1、公称压力 Nominal pressure: 1.0MPa、1.6MPa、2.5MPa
- 2、最低动作压力 Min. working pressure: >0.04MPa
- 3、缓闭时间 Slow shut time: 3~60s(可调adjustable)
- 4、适用介质 Applicable medium: 水water
- 5、介质温度 Applicable temperature: 0~80°C

安装示意图 Scheme of installation

- 1、水池 2、弹性座封闸阀 3、过滤器 4、水泵
- 5、多功能水泵控制阀 6、弹性座封闸阀



主要外形尺寸 Main External Form Dimension

DN	L	H	D			D1			n-d		
			1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
50	205	293	165	165	165	125	125	125	4-18	4-18	4-18
65	216	328	185	185	185	145	145	145	4-18	4-18	8-18
80	250	364	200	200	200	160	160	160	8-18	8-18	8-18
100	320	418	220	220	235	180	180	190	8-18	8-18	8-22
125	365	481	250	250	270	210	210	220	8-18	8-18	8-22
150	415	543	285	285	300	240	240	250	8-22	8-22	8-26
200	500	673	340	340	360	295	295	310	8-22	12-22	8-26
250	605	792	395	405	425	350	355	370	12-22	12-26	12-26
300	698	927	445	460	485	400	410	430	12-22	12-26	12-30
350	787	957	505	520	555	460	470	490	16-22	16-26	16-30
400	914	1188	565	580	620	515	525	550	16-26	16-30	16-33
450	978	1218	615	640	670	565	585	600	20-26	20-30	16-36
500	978	1256	670	715	730	620	650	660	20-26	20-33	20-36
600	1200	1600	780	840		725	770		20-30	20-36	20-36
700	1450	1750	895	910		840	840		24-30	24-36	
800	1560	1900	1015	1025		950	950		24-33	24-39	
900	1800	2100	1115			1050			28-33		
1000	2000	2400	1230			1160			28-36		

F745X遥控浮球阀

Remote Control Floating Ball Valve

用途 Usage

安装在水池、水塔地进水管中。当水池水位达到预设水位时，阀门自动关闭；当水位下降时，阀门自动打开开启补水。

It is mounted in the in let pipeline of pond or water tower. When the pond water reaches the preset level, the valve will shut automatically; when the water level falls, it will open automatically to start feeding a water.

特点 Characteristic

- 1、关闭严密可靠。采用牢固的O型环密封，利用液压控制原理，使滑盘关闭力与进水压成正比，密封可靠性高。
- 2、过流量大。阀体采用全通道流线型设计，流体阻力小，流量大。
- 3、运行安全。利用水力操作，可自动控制水塔或水池的液面，液位制准确度高。
- 4、使用维护方便。主阀安装在水池外面，调试检查方便，维修简单。

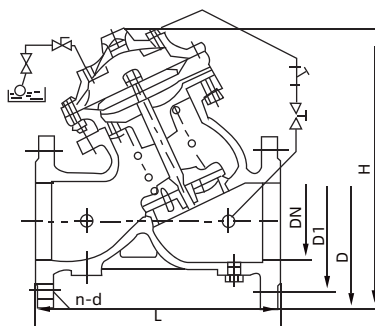
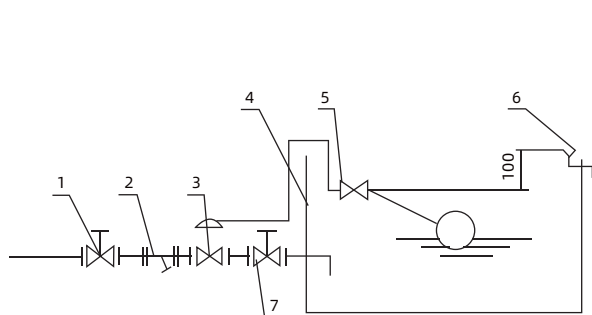
1. Airtight and reliable shut. It adopts the secure O-ring for seal by utilizing the hydraulic control theory to make the shut force of sliding disc proportionate to the water inlet pressure, thus having a high sealing reliability.
2. Large flow through. The valve body adopts a full passage streamline design with small fluid resistance and large flow.
3. Safe running. It operates by utilizing the hydraulic power to control the liquid level of water tower or pond automatically with a high control accuracy of liquid level.
4. Easy operation and maintenance. The main valve is mounted outside the pond, easy for debugging, check and maintenance.

主要技术参数 Main Technology Parameter

- 1、公称压力 Nominal pressure: 1.0MPa、1.6MPa、2.5MPa
- 2、适用介质 Applicable medium: 水 water
- 3、介质温度 Applicable temperature: 0~80°C

安装示意图 Scheme of installation

- 1、弹性座封闸阀 2、过滤器 3、遥控浮球阀 4、水池 5、浮球导阀 6、溢水管 7、弹性座封闸阀
1. Elastic seat seal gate valve 2. Filter 3. Remote control floating ball valve 4. Pond 5. Floating ball pilot valve 6. Overflow pipe 7. Elastic seat seal gate valve



主要外形尺寸 Main External Form Dimension

DN	L	H	D			D1			n-d		
			1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
$D641 \times \frac{6}{10} \text{ (C.R.P.Z)}$											
50	205	293	165	165	165	125	125	125	4-18	4-18	4-18
65	216	328	185	185	185	145	145	145	4-18	4-18	8-18
80	250	364	200	200	200	160	160	160	8-18	8-18	8-18
100	320	418	220	220	235	180	180	190	8-18	8-18	8-22
125	365	481	250	250	270	210	210	220	8-18	8-18	8-22
150	415	543	285	285	300	240	240	250	8-22	8-22	8-26
200	500	673	340	340	360	295	295	310	8-22	12-22	8-26
250	605	792	395	405	425	350	355	370	12-22	12-26	12-26
300	698	927	445	460	485	400	410	430	12-22	12-26	12-30
350	787	957	505	520	555	460	470	490	16-22	16-26	16-30
400	914	1188	565	580	620	515	525	550	16-26	16-30	16-33
450	978	1218	615	640	670	565	585	600	20-26	20-30	16-36
500	978	1256	670	715	730	620	650	660	20-26	20-33	20-36
600	1200	1600	780	840		725	770		20-30	20-36	20-36
700	1450	1750	895	910		840	840		24-30	24-36	
800	1560	1900	1015	1025		950	950		24-33	24-39	
900	1800	2100	1115			1050			28-33		
1000	2000	2400	1230			1160			28-36		

YX741X可调式减压稳压阀

Adjustable Pressure Reducing And Maintaining Valve

用途 Usage

安装在高层建筑给水系统以及其它给水系统的管道上，将较高的上游压力降为符合要求的下游使用压力。

It is mounted on the pipeline of high-rise water supply systems and other water supply systems to reduce the high upstream pressure to the downstream working pressure as required.

特点 Characteristic

- 1、减压效果可靠。出口压力不受进口压力及流量变化的影响。既可减动压，又可减静压。
- 2、调试操作方便。只需调节先导阀的调节螺钉，就能获得精确、稳定的出口压力。
- 3、节能效果好。阀体采用了全能道流线型直流通式设计，压力损失小，流量大，且体积小，重量轻。

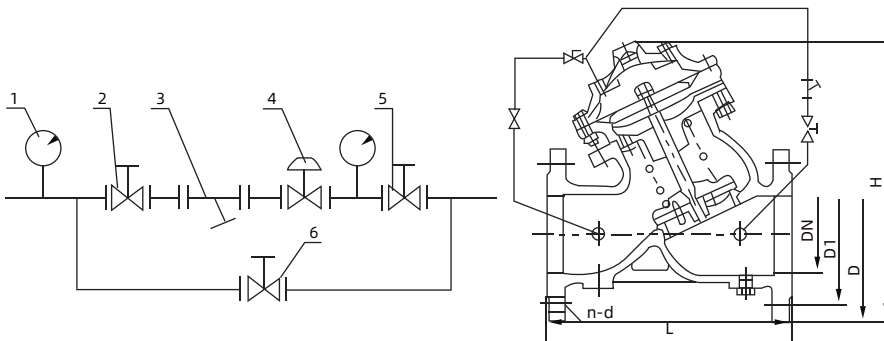
- 1.Reliable pressurereduction effect. The outlet pressure is not subject to changes of inlet pressure and flow so that it can reduce both dynamic pressure and static pressure
- 2.Fasy debuaaing andoperationJust adjustthe regulating screw of the pilot valve and an accurate and slable outlet pressure will be got.
- 3.High energy saving. The vaive body adopts analpurposepassage streamine straight-through design with small pressure loss and large flow, being compact and light

主要技术参数 Main Technology Parameter

- 1、公称压力 Nominal pressure:1.0MPa、1.6MPa、2.5MPa
- 2、调压范围 Pressure regulating range: 0.05~0.8MPa、0.12~1.4MPa、0.12~1.6MPa
- 3、适用介质 Applicable medium: 水water
- 4、介质温度 Applicable temperature: 0~80°C

安装示意图 Scheme of installation

- 1、压力表 2、弹性座封闸阀 3、过滤器 4、可调试减压稳压阀
- 5、弹性座封闸阀 6、弹性座封闸阀
1. Pressure gauge 2.Elastic seat seal gate valve 3.Filter 4.Adjustable pressure reducing and maintaining valve
5. Elastic seat seal gate valve 6.Elastic seat seal gate valve



主要外形尺寸 Main External Form Dimension

DN	L	H	D			D1			n-d		
			1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
50	205	300	165	165	165	125	125	125	4-18	4-18	4-18
65	216	337	185	185	185	145	145	145	4-18	4-18	8-18
80	250	467	200	200	200	160	160	160	8-18	8-18	8-18
100	320	520	220	220	235	180	180	190	8-18	8-18	8-22
125	365	580	250	250	270	210	210	220	8-18	8-18	8-26
150	415	640	285	285	300	240	240	250	8-22	8-22	8-26
200	500	778	340	340	360	295	295	310	8-22	12-22	8-26
250	605	889	395	405	425	350	355	370	12-22	12-26	12-26
300	698	1010	445	460	485	400	410	430	12-22	12-26	12-30
350	787	1037	505	520	555	460	470	490	16-22	16-26	16-30
400	914	1264	565	580	620	515	525	550	16-26	16-30	16-33
450	978	1294	615	640	670	565	585	600	20-26	20-30	16-36
500	978	1324	670	715	730	620	650	660	20-26	20-33	20-36
600	1200	1600	780	840		725	770		20-30	20-36	20-36
700	1450	1750	895	910		840	840		24-30	24-36	
800	1560	1900	1015	1025		950	950		24-33	24-39	
900	1800	2100	1115			1050			28-33		
1000	2000	2400	1230			1160			28-36		

AX742X安全泄压/持压阀

Safety Pressure Relief/Maintaining Valve

用途 Usage

安装在高层建筑，消防给水系统以及其它给水系统的管道上，当给水管路中压力超过泄压阀设定压力时，泄压阀自动开启快速泄压，保护管线的安全，也可作持压阀用，保障主阀上游的供水压力。

It is mounted on the pipeline of high-rise fire water supply systems and other water supply systems. When the pressure in the water supply pipeline exceeds the preset pressure of the relief valve the relief valve will open automatically for quick pressure relief to protect the pipeline safety. It can also be used as a pressure maintaining valve to maintain the upstream pressure of water supply of the main valve.

特点 Characteristic

1. 能准确保持不变的安全设定压力，一旦超压，泄压阀迅速打开，及时泄压。
2. 关闭平稳可靠，消除压力余波。

1. It can keep an unchanged and safe set pressure accurately: in the event of over pressure, the relief valve will open quickly for timely pressure relief.

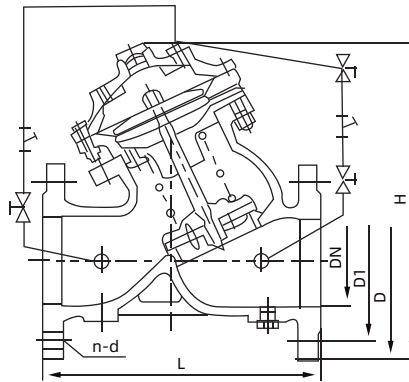
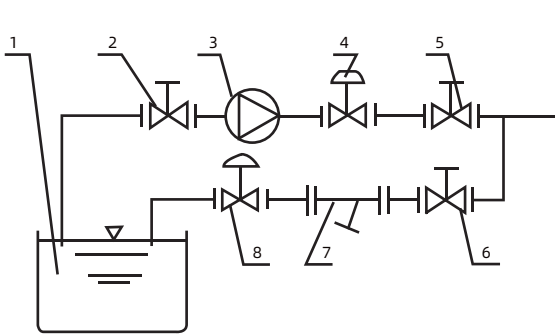
2. It boasts stable and reliable shut to remove the pressure after effect.

主要技术参数 Main Technology Parameter

1. 公称压力 Nominal pressure: 1.0MPa、1.6MPa、2.5MPa
2. 调压范围 Pressure regulating range: 0.05~0.8MPa、0.12~1.4MPa、0.12~1.6MPa
3. 适用介质 Applicable medium: 水 water
4. 介质温度 Applicable temperature: 0~80°C

安装示意图 Scheme of installation

1. 水池 2. 弹性座封闸阀 3. 水泵 4. 多功能水泵控制阀 5. 弹性座封闸阀 6. 弹性座封闸阀 7. 过滤器 8. 泄压阀
1. Pond 2. Elastic seat seal gate valve 3. Water pump 4. Multi-functional water pump control valve 5. Elastic seat seal gate valve 6. Elastic seat seal gate valve 7. Filter 8. Relief valve



主要外形尺寸 Main External Form Dimension

DN	L	H	D			D1			n-d		
			1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
50	205	300	165	165	165	125	125	125	4-18	4-18	4-18
65	216	337	185	185	185	145	145	145	4-18	4-18	8-18
80	250	467	200	200	200	160	160	160	8-18	8-18	8-18
100	320	520	220	220	235	180	180	190	8-18	8-18	8-22
125	365	580	250	250	270	210	210	220	8-18	8-18	8-26
150	415	640	285	285	300	240	240	250	8-22	8-22	8-26
200	500	778	340	340	360	295	295	310	8-22	12-22	12-26
250	605	889	395	405	425	350	355	370	12-22	12-26	12-30
300	698	1010	445	460	485	400	410	430	12-22	12-26	12-30
350	787	1037	505	520	555	460	470	490	16-22	16-26	16-33
400	914	1264	565	580	620	515	525	550	16-26	16-30	16-36
450	978	1294	615	640	670	565	585	600	20-26	20-30	16-36
500	978	1324	670	715	730	620	650	660	20-26	20-33	20-36
600	1200	1600	780	840		725	770		20-30	20-36	
700	1450	1750	895	910		840	840		24-30	24-36	
800	1560	1900	1015	1025		950	950		24-33	24-39	
900	1800	2100	1115			1050			28-33		
1000	2000	2400	1230			1160			28-36		

J145X电动遥控阀

Electric Remote Control Valve

用途 Usage

安装在高层建筑、消防给水系统以及其它给水系统的管道上，当给水管路中压力超过泄压阀设定压力时，泄压阀自动开启快速泄压，保护管线的安全，也可作持压阀用，保障主阀上游的供水压力。

It is mounted on the pipeline of high-rise fire water supply systems and other water supply systems. When the pressure in the water supply pipeline exceeds the preset pressure of the relief valve, the relief valve will open automatically for quick pressure relief to protect the pipeline safety. It can also be used as a pressure maintaining valve to maintain the upstream pressure of water supply of the main valve.

特点 Characteristic

1. 准确快速的控制反应。
2. 关闭速度可调，阀门平稳关闭而不会产生压力波动。
3. 采用三向电磁阀，维护简单。

1. Accurate and quick control response.
2. Adjustable shut speed and stable shut of valve without any pressure fluctuation.
3. Adopting the three-way electromagnetic valve, easy for maintenance.

主要技术参数 Main Technology Parameter

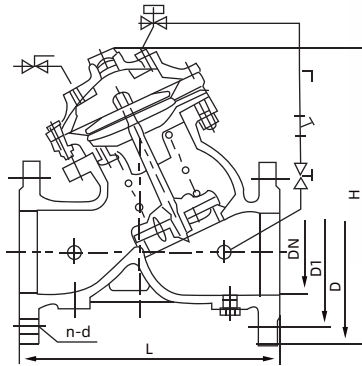
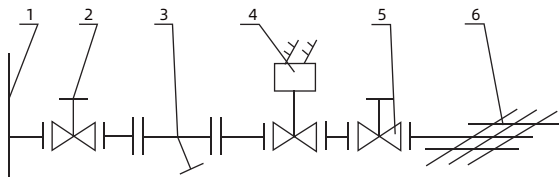
1. 公称压力 Nominal pressure: 1.0MPa、1.6MPa、2.5MPa
2. 适用介质 Applicable medium: 水water
3. 介质温度 Applicable temperature: 0~80℃
4. 电磁阀的说明: 电压: 交流220V 直流: 24V 任选: 防爆常开、常闭

Explanation of electromagnetic valve: Voltage: Alternating current 220V Direct current 24V Selected prevent explosion normal open or normal close

安装示意图 Scheme of installation

1. 主管线: 2. 弹性座封闸阀 3. 过滤器
4. 电动遥控阀 5. 弹性密封闸阀 6. 用户系统

1. Backbone pipeline
4. Electric remote control valve
5. Elastic seal gate valve
6. User system

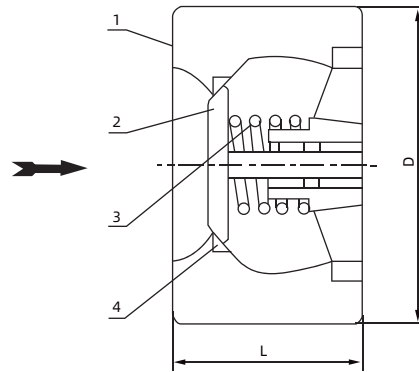


主要外形尺寸 Main External Form Dimension

DN	L	H	D			D1			n-d		
			1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
50	205	320	165	165	165	125	125	125	4-18	4-18	4-18
65	216	367	185	185	185	145	145	145	4-18	4-18	8-18
80	250	400	200	200	200	160	160	160	8-18	8-18	8-18
100	320	452	220	220	235	180	180	190	8-18	8-18	8-22
125	365	522	250	250	270	210	210	220	8-18	8-18	8-26
150	415	592	285	285	300	240	240	250	8-22	8-22	8-26
200	500	696	340	340	360	295	295	310	8-22	12-22	12-26
250	605	810	395	405	425	350	355	370	12-22	12-26	12-30
300	698	943	445	460	485	400	410	430	12-22	12-26	16-30
350	787	1200	505	520	555	460	470	490	16-22	16-26	16-33
400	914	1230	565	580	620	515	525	550	16-26	16-30	16-36
450	978	1230	615	640	670	565	585	600	20-26	20-30	20-36
500	978	1270	670	715	730	620	650	660	20-26	20-33	20-36
600	1200	1600	780	840		725	770		20-30	20-36	
700	1450	1750	895	910		840	840		24-30	24-36	
800	1560	1900	1015	1025		950	950		24-33	24-39	
900	1800	2100	1115			1050			28-33		
1000	2000	2400	1230			1160			28-36		

CVWR型对夹式静音止回阀

Wafer Silent Check Valve



概述 Summary

对夹式静音止回阀采用流体型设计, 水头损失较小; 内部弹簧可加速关闭, 达到静音效果; 金属对金属确保密封的可靠性; 安装空间小。可安装于水泵出水口处, 能避免产生水锤、水击声和破坏性冲击, 达到防止逆流和保护设备的目的。广泛用于给排水、消防、建筑、暖通、工业系统。

The wafer silent check valve adopts a fluid design with small head loss; its internal spring can accelerate the shut to gain a silent effect. Metal-to-metal design ensures a reliable sealing, also it is space-effective for installation. It can be mounted at the outlet of water pump which can avoid water hammer sound of water hammer and damaging impact to prevent the countercurrent and protect the equipment. It is widely applied in water supply and drainage, fire control, building, heating and ventilation and industrial systems.

技术参数 Technology Parameter

公称通径 Nominal Diameter	DN40~250mm
公称压力 Nominal pressure	1.0/1.6Ma
工作温度 Working temperature	0°C~80°C
密封试验 Sealing test	1.1倍公称压力 1.1 times of nominal pressure
壳体试验 Monoblock test	1.5倍公称压力 1.5 times of nominal pressure

材质说明 Material Explanation

序号 No.	零件名称 Part name	材质 Material
1	阀体 Body	GC25
2	阀瓣 Clack	Bronze
3	弹簧 Spring	SUS316
4	阀座 Seat	Bronze

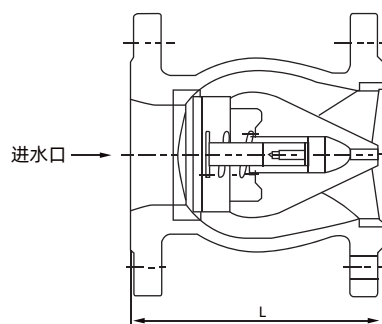
主要外形尺寸 (法兰钻孔按GB/T 17241.6-1998保准)

Overall dimensions (flange drilling by GB/T 17241.6-1998)

型号 Type	公称通径 Nominal Diameter	L	D
CVWR -0040	DN40	45	90
CVWR -0050	DN50	55	105
CVWR -0065	DN65	70	125
CVWR -0080	DN80	75	140
CVWR -0100	DN100	95	160
CVWR -0125	DN125	115	195
CVWR -0150	DN150	135	215
CVWR -0200	DN200	160	270
CVWR -0250	DN250	200	325

静音止回阀

Silent Check Valve



产品特点与用途 Characteristic and Usage of Products

静音止回阀主要由阀体、阀座、导流体、阀瓣、轴承及弹簧等主要零件组成。内部流道采用流线型设计，压力损失极小。阀瓣启闭行程很短，停泵进泵快速关闭，防止巨大的水锤声，具有静音关闭的特点，该阀主要用于排水、消防、暖通系统，可安装于水泵出口处，以防止倒流及水锤对泵的损害。

The silent check valve mainly consists of such major parts as body, seat diffuser disc, bearing and spring. The internal flow channel adopts a streamlined design with extremely small pressure losses. The disc has a very short travel of on/off from pump stopping to quick shut, avoiding huge sound of water hammer featured by mute shut.

The valve is mainly used for water drainage, fire control and heating and ventilation systems, which can be mounted at the outlet of water pump to avoid reflux and damages to the pump by water hammer.

技术参数 Technology Parameter

型号 Type		DRVZ-10	DRVZ-16	DRVZ-25Q
公称压力 Nominal pressure		PN1.0MPa	PN1.6MPa	PN2.5MPa
公称通径 Nominal diameter		DN50-350mm		
最高工作压力 Highest, working pressure		1.0MPa	1.6MPa	2.5MPa
密封试压力 Sealing test		1.0MPa	1.6MPa	2.5MPa
壳体试验压力 Monoblock test		1.0MPa	2.4MPa	3.75MPa
主要零件材料 Main parts material	阀体、导流体 Body, diffuser	灰铸铁 Grey cast iron		球墨铸铁 Spherical graphite cast iron
	阀座、轴承、阀瓣、轴 Seat, bearing, disc, axis	铝青铜或铬不锈钢 Al bronze or Cr stainless steel		
	弹簧 Spring	不锈钢 Stainless steel		

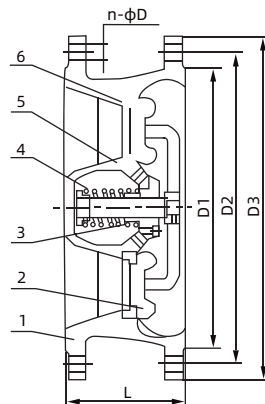
主要外形尺寸 Overall dimensions

(法兰尺寸PN1.0MPa按GB/T4216.4-84标准，PN1.6MPa按GB4216.5-87标准，PN2.5MPa按GB9113.4-887保准)

公称通径DN (mm) Nominal Diameter	L
50	120
65	150
80	180
100	229
125	254
150	267
200	292
250	340
300	-
350	-

CVKR型静音止回阀

Silent Check Valve



概述 Summary

大口径静音止回阀采用符合水力学的轮廓设计，取得最佳的流线型水路，内部附有导流体的设计能保证最小的压力损失。静音式止回阀安装于水泵出水口处，可在水流倒流前先行快速关闭，避免产生水锤、水击声和破坏性冲击，以达到静音、防止倒流和保护设备的目的。广泛用于给排水、消防、暖通、工业系统。

The large-bore silent check valve adopts an outline design conforming to hydraulics, which achieves a favorable streamline water route. The built-in diffuser design can ensure the minimum pressure loss. The silent check valve can be mounted at the outlet of water pump, which can shut quickly before the water reflux to avoid water hammer, sound of water hammer and damaging impact to achieve the mute purpose, prevent the countercurrent and protect the equipment. It is widely applied in water supply and drainage, fire control, heating and ventilation and industrial systems.

技术参数 Technology Parameter

公称通径 Nominal Diameter	DN300~600mm
公称压力 Nominal pressure	1.0/1.6/2.5MPa
工作温度 Working temperature	0°C~80°C
密封试验 Sealing test	1.1倍公称压力 1.1 times of nominal pressure
壳体试验 Monoblock test	1.5倍公称压力 1.5 times of nominal pressure

材质说明 Material Explanation

序号 No.	零件名称 Part name	材质 Material
1	阀体 Body	GG25
2	阀盘 Disc	QA19-4
3	轴承 Bearing	QA19-4
4	弹簧 Spring	SUS316
5	导流体 Diffuser	GG25
6	阀座 Seat	QA19-4

主要外形尺寸 (法兰钻孔按GB/T 17241.6-1998标准)

Overall dimensions (flange drilling by GB/T 17241.6-1998)

序号 NO	公称通径 Nominal Diameter	D1		D2		D3		N-φD		L
		1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa	
CVWR -0040	DN300	370	400	410	460	460	12-13	12-28	181	
CVWR -0050	DN350	429	460	470			16-23	16-28	184	
CVWR -0065	DN400	480	515	525			580	16-28	16-31	191
CVWR -0080	DN450	530	565	585			640	20-28	20-31	203
CVWR -0100	DN500	582	620	650			715	20-28	20-34	219
CVWR -0125	DN600	682	725	770	810	840	20-31	20-37	222	
CVWR -0150	DN700	794	840	840	895	910	24-31	24-37	280	
CVWR -0200	DN800	901	950	950	1015	1025	24-34	24-40	356	
CVWR -0250	DN900	1001	1050	1050	1125	1125	28-40	28-40	368	
CVWR -0250	DN1000	1112	1160	1170	1230	1255	28-43	28-43	432	
CVWR -0250	DN1200	1328	1380	1390	1455	1485	32-49	32-49	524	

节能消声止回阀

Energy-saving Silent Check Valve

主要性能规范 Main Function Norm

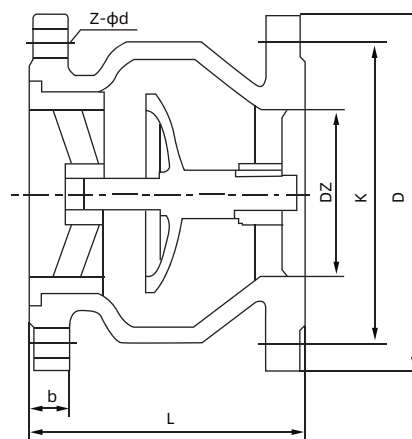
型号 Type	公称压力 Nominal pressure	壳体试验压力 Shell test pressure	密封试验压力 Sealing test pressure	适用介质 Applicable Medium	工作温度 Working temperature
H41X-10	1.0MPa	1.5MPa	1.1MPa	水及弱腐蚀性流体	0~80°C
H41X-16	1.6MPa	2.4MPa	1.76MPa	水及弱腐蚀性流体	0~80°C

主要零件材料表 Main Material Specifications

型号 Type	阀体 body	密封圈 Seal	弹簧 Spring
H41X-10	铸铁或不锈钢 Cast iron or stainless steel	丁腈橡胶(NBR) Butyronitrile rubber	不锈钢丝 1Cr18Ni9Ti
H41X-16	铸铁或不锈钢 Cast iron or stainless steel	丁腈橡胶(NBR) Butyronitrile rubber	不锈钢丝 1Cr18Ni9Ti

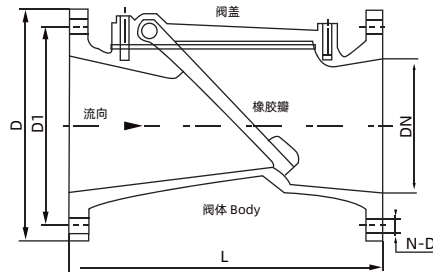
外形连接结构尺寸 External Form Connection Structural Dimension

公称压力 PN(mm) Nominal pressure	公称通径 DN(mm) Nominal Diameter	尺寸(mm) Dimensions				
		L	D	K	b	Z-φd
1.0	40	112	145	110	18	4-18
	50	120	160	125	20	4-18
	65	130	180	145	20	4-18
	80	150	195	160	22	8-18
	100	165	215	180	24	8-18
	125	190	245	210	26	8-18
	150	210	280	240	26	8-22
	200	255	335	295	28	8-22
	250	310	390	350	28	12-22
	300	320	440	400	28	12-22
	350	380	500	460	30	16-22
	400	405	565	515	32	16-26
	450	430	615	565	32	20-26
1.6	500	450	670	620	34	20-26
	600	510	780	725	36	20-30
	40	112	145	110	18	4-18
	50	120	160	125	20	4-18
	65	130	180	145	20	4-18
	80	150	195	160	22	8-18
	100	165	215	180	24	8-18
	125	190	245	210	26	8-18
	150	210	280	240	26	8-22
	200	255	335	295	30	12-22
	250	310	405	355	32	12-26
	300	320	460	410	32	12-26
	350	380	520	470	36	16-26
400	405	580	525	38	16-30	
450	430	640	585	40	20-30	
500	450	715	650	42	20-33	
600	510	840	770	48	20-36	



H44X(SFCV)系列橡胶瓣止回阀

Rubber Disc Check Valve



概述 Summary

橡胶止回阀主要由阀体、阀盖及橡胶瓣三种主要零件组成。其中橡胶瓣由钢板、钢棒及新化尼龙布做衬底，外后披星橡胶制成，阀据开关寿命可达100万次。该阀采用全流面积式设计，具有水头损失小，不易堆积杂物，维修简单等特性。该阀主要适用于给排水系统，可安装于水泵出水口处，以防止倒流及水锤对泵损害，该阀还可安装在蓄水池进出水管的旁通管上，以防止池水倒流至给水系统中。

The rubber disc check valve mainly consists of three major parts: body, bonnet and rubber disc. Of them, the rubber disc includes the lining made of steel plate, steel bar and reinforced nylon cloth with a coating of rubber. The disc has a life of 100 million times of on/off. The valve adopts a full flow area design featured by small head loss, being vulnerable to impurity accumulation, being easy for maintenance, etc. The valve is mainly used for water supply and drainage systems, which can be mounted at the outlet of water pump to avoid reflux and damages to the pump by water hammer. It can also be mounted on the by-pass pipe of the inlet/outlet pipe of the reservoir to avoid the water in the reservoir from refluxing into the water supply system.

主要零件材料 Main parts material

零件名称 Parts	阀体 Body	阀盖 Bonnet	阀瓣 Disc
材料 Material	铸铁 Cast iron	铸铁 Cast iron	钢材+强化尼龙布 Steel+reinforced nylon cloth

主要规格 Main specification

型号 Type	公称压力 PN(MPa) Nominal pressure	密封试验压力 PN(MPa) Sealing test pressure
H44X-10	1.0	1.1
H44X-16	1.6	1.76

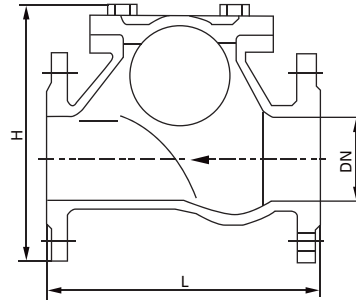
型号 Type	壳体试验压力(MPa) Monoblock test pressure	最高工作压力(MPa) Highest Working pressure	介质温度 Medium temperature
H44X-10	1.5	1.0	0~80°C
H44X-16	2.4	1.6	-

主要外形尺寸(法兰连接尺寸按GB4216的规定) Overall dimensions (Flange drilling by GB4216)

型号 Type	DN	L	D	D1	DN	n
H44X-10 16	50	203	165	125	17.5	4
	65	216	185	145	17.5	4
	80	241	200	160	17.5	8
	100	292	220	180	17.5	8
	150	356	285	240	22	8
	200	495	340	295	22	8
	250	622	395	350	22	12
	300	698	445	400	22	12
	350	787	505	460	22	16
	400	914	565	515	22	16
	450	978	615	565	26	20
	500	978	670	620	26	20
	600	1295	780	725	30	20

滑道滚球式止回阀

Slide Ball Check Valve



用途及特点 Usage and Characteristic

滑道滚球式止回阀，采用橡胶包皮滚球为阀瓣，在介质的作用下，可在阀体内的整体式滑道上，作上下滚动，从而打开或关闭阀门，密封性能好，消声式关闭，不产生水锤，阀体采用全水流通道，流量大，阻力小，水头损失比旋启式小50%，水平或垂直安装均可，可用于冷水、热水、工业及生活污水管网，更适合潜水排污泵，介质温度为0~80℃。

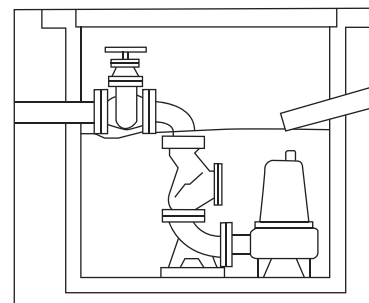
The slide ball type check valve adopts the rubber-coated ball as the disc, which can roll up and down on the integrated slide in the valve body to achieve on/off of valve. It boasts an excellent sealability and mute shut without water hammer. The body adopts the full flow with big flow, small resistance and a headloss 50% less than that of the swing type. It can be installed either horizontally or vertically, which is applicable for cold water, hot water, industrial and domestic sewage pipeline networks, especially for sewage pump, with a medium temperature of in 0~80℃.

主要技术参数 Main Technology Parameter

型号 Type	公称压力 Nominal pressure	壳体试验压力 Shell test pressure	密封试验压力 Sealing test pressure	阀体、阀盖材料 Material of body and bonnet
H41X-10	1.0MPa	1.5MPa	1.1MPa	H200
H41X-16	1.6MPa	2.4MPa	1.76MPa	

主要尺寸 Main Dimensions

公称通径DN(mm) Nominal diameter	L	H
50	180	185
65	200	210
80	260	245
100	300	280
125	350	335
150	400	400
200	500	495
250	600	600
300	700	715
350	800	820



微阻球形止回阀

Damping Ball Check Valve

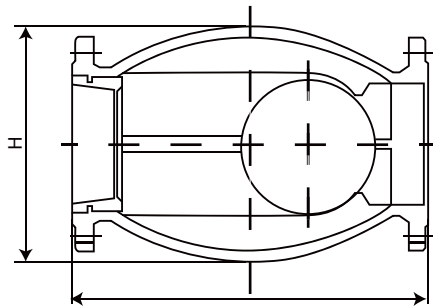
用途及特点 Usage and Characteristic

微阻球形止回阀，采用橡胶包皮球为阀瓣，在介质的作用下，可在阀体内的滑道上滚动，从而打开或关闭阀门。流量大、流阻损失小，密封性能好，消声关闭，可减小水击波。水平或垂直安装均可。可用于冷水、热水、工业及生活污水等管网的水泵出口，防止介质倒流。

The damping ball check valve adopts the rubber-coated ball as the disc, which can roll on the slice of the valve body to achieve on/off of valve, it boasts big flow, small resistance and an excellent sealability, which can reduce the water hammer wave. It can be installed either horizontally or vertically, which is applicable for the water pump outlet of such pipeline networks as cold water, hot water, industrial and domestic sewage to avoid the reflux of medium.

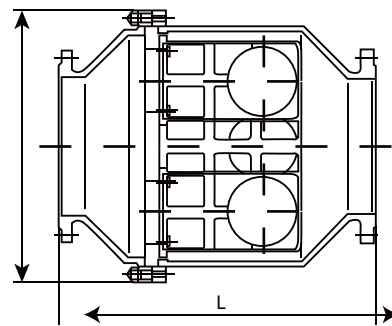
主要技术参数 Main Technology Parameter

型号 Type	公称压力(MPa) Nominal pressure	壳体试验压力(MPa) Monoblock test pressure	密封试验压力(MPa) Sealing test pressure	阀体材料 Material of body	球体材料 Material of ball
HQ 44 ₄₅ x-10	1.0	1.5	1.1	铸铁 Cast iron	碳钢包胶 Rubber-coated carbon steel
HQ 44 ₄₅ x-16	1.6	2.4	1.76		



主要外形尺寸 Main External Form Dimensions

HQ44x- ¹⁰ / ₁₆ 外形尺寸									
公称通径	50	65	80	100	125	150	200	250	300
L(mm)	250	280	310	350	400	450	550	650	780
H(mm)	180	210	225	240	280	320	380	450	510
连接尺寸	法兰连接尺寸PN1.0MPa按GB4216.4-84; PN1.6MPa按GB4216.5-84标准。								



主要外形尺寸 Main External Form Dimensions

HQ44x- ¹⁰ / ₁₆ 外形尺寸												
公称通径	200	250	300	300	400	450	500	600	700	800	900	1000
L(mm)	550	650	750	850	950	1050	1150	1350	1450	1650	1900	2100
H(mm)	510	570	640	715	815	825	980	1155	1260	1350	1660	1700
连接尺寸	法兰连接尺寸PN1.0MPa按GB4216.4-84; PN1.6MPa按GB4216.5-84标准。											

蝶式缓冲止回阀

Butterfly Non-slam Check Valve

结构特点Structural Characteristic

本厂生产的H47X、H47H、HH47、H47XF、HDH47X型蝶式缓冲止回阀，主要用于工业供排水、污水处理厂的水泵出口处，防止管网中介质逆流。自动消除破坏性水锤，从而保证水泵和管路不受损坏。该阀主要由阀体、阀瓣、缓冲装置和微量调节阀组成。该产品具有结构新颖、体积小、流体阻力小、运行平稳、密封可靠、耐冲刷、耐磨损、缓冲性能好等特点，是工业用水和城市排污的最佳产品。

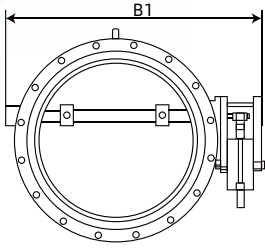
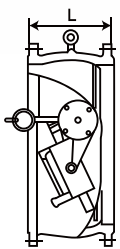
Our H47X, H47H, HH47, H47XF and HDH47X butterfly non-slam check valves are mainly used at the outlet of water pump for industrial water supply and sewage treatment plant to avoid the medium in the pipeline network from refluxing and remove destructive water hammer automatically so as to ensure no damages to water pump and pipeline. This kind of valve mainly consists of body, disc, buffer and fine regulating valve. It is featured by novel and compact structure, small fluid resistance, stable operation, reliable seal, abrasion resistance and fine buffering performance, which is the best choice for industrial water supply and city sewage drainage.

主要零件材料 Main Parts Material

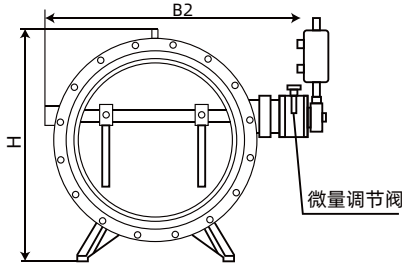
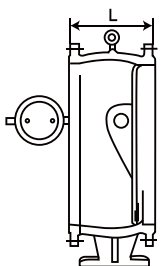
零件名称	阀体	蝶板	密封圈	阀杆	填料
材料	灰铸铁、碳钢	灰铸钢、铸钢、球墨铸铁	丁腈耐油橡胶、氯丁橡胶	不锈钢	聚四氟乙烯

主要技术参数Main Technology Parameter

型号Type	公称压力 PN(MPa) Nominal pressure	试验压力PS(mm)		作压力(Mpa) Working pressure	介质温度(°C) Medium temperature	适用介质 Applicable medium
		壳体 Shell	密封 Sealing			
H47X、H47H、HH47X、 HH47H、H47XF、HDH47X	1.0	1.5	1.1	1.0	0~80°C	水、油品、 海水、污水
	1.6	2.4	1.75	1.6		
	2.5	3.75	2.75	2.5		



I型



II型

DHH47_HX HDH47X 蝶式缓冲止回阀

主要外形尺寸Main External Form Dimensions (法兰连接尺寸:PN10、16、25按JB/T78-94标准)

公称通径 DN(mm) Nominal diameter	尺寸 (mm) Dimensions			
	L	H	B ₁	B ₂
200	230	550	540	600
250	250	530	600	700
300	270	690	650	740
350	290	780	710	800
400	310	860	770	870
450	330	910	830	920
500	350	980	900	1000

公称通径 DN(mm) Nominal diameter	尺寸 (mm) Dimensions			
	L	H	B ₁	B ₂
600	390	1070	1090	1250
700	430	1220	1200	1360
800	470	1320	1320	1480
900	510	1430	1420	1580
1000	550	1550	1550	1700
1200	630	1800	1780	1950
1400	710	1980	2000	2175

DHH44微阻缓闭消声止回阀

Damping Slow-shut Silent Check Valve

结构特点Structural Characteristic

本厂生产的DHH44杀-19型微阻缓闭止回阀主要用于工业、城市给排水管道和高层住宅、高级宾馆、加压输入水泵的出口处。在设计上充分考虑了使用环境的要求、采用斜板式结构，达到无震动、无噪音、运行平稳，确保宾馆、住宅环境安静、并且有节能的效果。用延缓关闭的方式使局部倒流水向系统内泄流，从而大大降低了停泵倒流的水压冲击力，消除了破坏性水锤峰值的产生，截流密封采用了丁腈橡胶，密封性能好、减震耐磨、使用寿命长、维修方便等特点。

Our DHH44_{H-19} damping slow-shut check valve is mainly used at the outlet of industrial and city water supply and drainage pipelines, high-rise, star hotels and pressurization water transfer pumps, its design has taken requirements for operating environment into full consideration. It adopts a slanting plate structure, achieving no vibration and noise with stable operation and energy saving to ensure a quiet environment for hotels and residences. Its slow-shut mode makes some refluxing water flow into the system so as to greatly reduce the hydraulic pressure impact caused by the pump stop and the return and remove the peak of destructive water hammer. The interception seal with such features as good sealability, damping, abrasion resistance, long service life and easy maintenance.

零件名称 Parts	材料 Material
阀体	灰铸铁、碳钢
蝶板	碳钢
密封圈	丁腈橡胶
阀杆	不锈钢
缓冲油缸	不锈钢

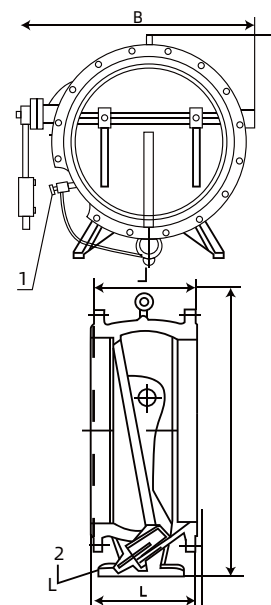


主要技术参数 Main Technology Parameter

型号Type	公称压力PN(MPa) Nominal pressure	试验压力PS(mm)		介质温度(°C) Medium temperature	适用介质 Applicable medium
		壳体Monoblock	密封Sealing		
DHH44X DHH44H	1.0	1.5	1.1	0~80°C	清水、污水、 海水、泥浆水
	1.6	2.4	1.75		

主要外形尺寸Main External Form Dimensions(法兰连接尺寸按JB/T78-94标准)

公称通径 DN(mm) Nominal diameter	尺寸(mm) Dimensions		
	L	H	B
200	230	550	450
250	250	630	520
300	270	690	590
350	290	780	670
400	310	860	750
450	330	910	780
500	350	980	850
600	390	1070	970
700	430	1220	1080
800	470	1320	1200
900	510	1430	1300
1000	550	1550	1450
1200	630	1800	1670
1400	710	1980	1880
1600	790	2150	1950
2000	950	2550	2450



1、微量调节阀 2、活塞调节拉杆

DHH44微阻缓闭消声止回阀

Damping Slow-shut Silent Check Valve

结构特点Structural Characteristic

本厂生产的HH46X、HXH48X、HH49X消声缓闭止回阀系列产品可在清水、污水、海水等介质的排水管道上，既能防止介质的倒流，又能有效地限制破坏性水锤，保证管线的使用安全。它具有结构新颖、体积小、重量轻、流体阻力小、密封可靠、启闭平稳、耐磨损、使用寿命长、油压、缓闭不受介质影响，有较好节能效果等特点。

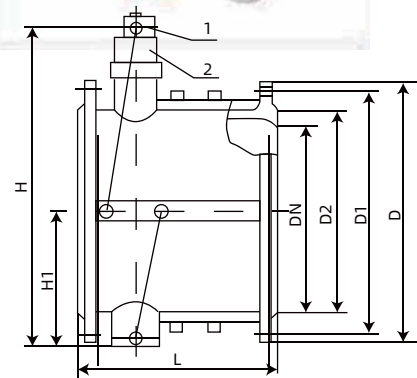
Our HH46X, HXH48X and HH49X silent slow-shut check valve series of products can be used on the drainage pipeline for such medium as clear water, sewage and seawater, which can both avoid the medium reflux and limit the destructive water hammer to ensure the safe use of pipeline. It is featured by novel structure, being compact and light, small fluid resistance, reliable seal, stable on/off, abrasion resistance, long service life, oil pressure and slow shut unaffected by the medium, high energy

主要零件材料 Main Parts Material

零件名称	阀体	阀瓣	阀杆、油缸、活塞	弹簧	阀座
材料	铸铁、铸钢	碳钢	不锈钢	不锈钢	丁腈橡胶

主要技术参数 Main Technology Parameter

型号 Type	公称压力 PN(MPa)	密封压力 PS(MPa)	工作压力 P(MPa)	介质温度 (°C)	适用介质	缓闭时间
HH46X	1.0	1.5	1.1	≤80	清水、 污水、 海水	≤60秒
HDH48X	1.6	2.4	1.76			
HH49X	2.5	3.75	2.75			



1、微量调节阀 2、储油缸

主要外形尺寸 Main External Form Dimensions (法兰连接尺寸按JB/T78-94标准)

公称压力 PN(MPa) Nominal pressure	公称通径 DN(mm) Nominal diameter	尺寸(mm)Dimensions		
		L	H	H _i
1.0	40	140	200	88
	50	150	215	98
	65	170	225	108
	80	180	235	118
1.6	100	190	280	130
	125	200	290	148
2.5	150	210	310	172
	200	230	350	210
	250	250	415	240
	300	270	450	264

公称压力 PN(MPa) Nominal pressure	公称通径 DN(mm) Nominal diameter	尺寸(mm)Dimensions		
		L	H	H _i
1.0	350	290	480	297
	400	310	550	324
	450	330	585	351
	500	350	640	379
	600	390	720	434
1.6	700	430	780	491
	800	470	840	549
2.5	900	510	990	600
	1000	550	1050	655
	1200	630	1210	770

助关缓冲止回阀

Shut-assisting Non-slam Check Valve

结构特点Structural Characteristic

本系列止回阀适用于高温液体或气体管路，安装在泵或风机的出口处，它具有快速截断管路介质，防止介质逆流和保护泵或风机不受损坏。该产品主要由阀、阀杆、阀瓣、液压缓冲装置、气动执行装置、传动机构、减压装置、电磁换向机构、电路控制系统等部件构造而成。此功能止回阀三栈有兩種外形结构供用户选用,除此之外也可根据用户要求来图来样进行设计制造。

This series of check valve is applicable for pipelines with high-temperature liquid or gas, which is mounted at the outlet of pump or blower fan to cut off the medium in the pipeline quickly to avoid the medium reflux and protect pump or blower fan from being damaged. It mainly consists of such components as valve, stem, disc, hydraulic damping device, pneumatic actuator, driving gear, pressure released device, electromagnetic reversing mechanism and circuit control system. It has two kinds of outline structure optional for users. Also we can design and manufacture in accordance with drawings and samples supplied by users.

主要零件材料Main Parts Material

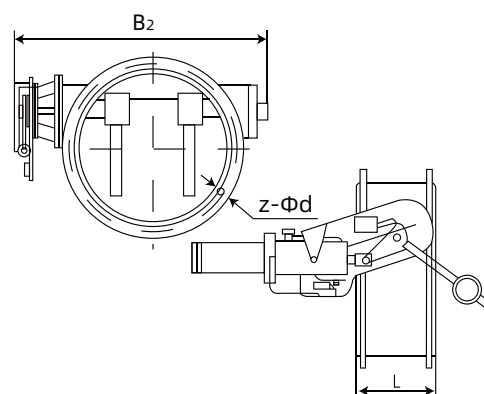
型号		H147H、H247H、H347H		
公称压力		1.0	1.6	2.5
试验压力	壳体	1.5	2.4	3.75
(MPa)	密封	1.1	1.75	2.75
工作温度(°C)		<350		
适用介质		水、水蒸汽、含微量粉尘的空气		
电磁换向阀电源AC		220V		
助关装置工作压力(MPa)		0.2~0.4		
关闭时间		3~30秒内任意调节		

主要技术参数Main Technology Parameter

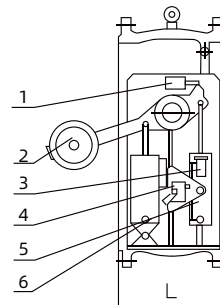
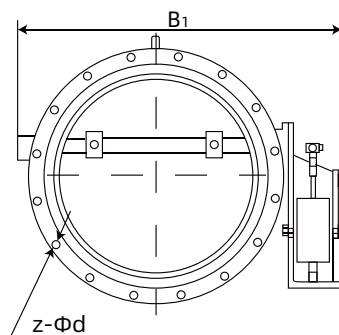
零件名称	材料
阀体	铸铁、碳钢板圈型
蝶板	碳钢
阀瓣	不锈钢
密封面	合金不锈钢
缓冲装置、助关装置	不锈钢

主要外形尺寸Main External Form Dimensions (法兰连接尺寸按JB/T78-94标准)

DN(mm)	L	B ₁	B ₂	H
300	270	650	740	690
350	290	710	800	780
400	310	770	870	860
450	330	830	920	910
500	350	900	1000	980
600	390	1090	1250	1070
700	430	1200	1360	1220
800	470	1320	1480	1320
900	510	1420	1580	1430
1000	550	1550	1700	1550
1200	630	1780	1950	1800
1400	710	2000	2175	1980
1600	790	2250	2470	2150
1800	870	2450	2650	2350
2000	950	2700	2850	2550

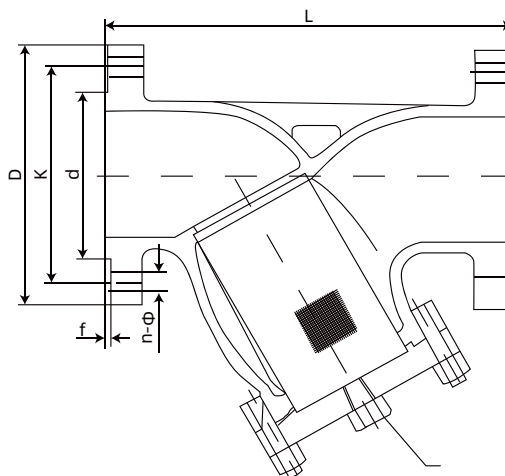


I型



1. 行程开关 2. 重锤 3. 微量调节阀 4. 电磁阀
5. 缓冲油缸 6. 助关装置
1. Travel switch 2. Heavy hammer
3. Fine regulating valve 4. Electromagnetic valve
5. Cushion cylinder 6. Shut-assisting device

国标、德标Y型过滤器 GB、DIN Y Type Strainer



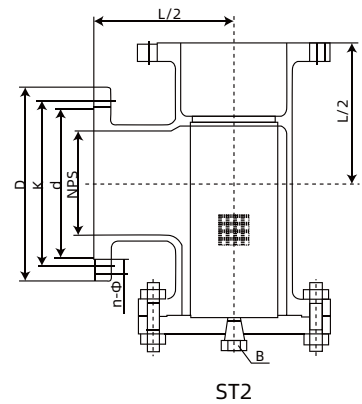
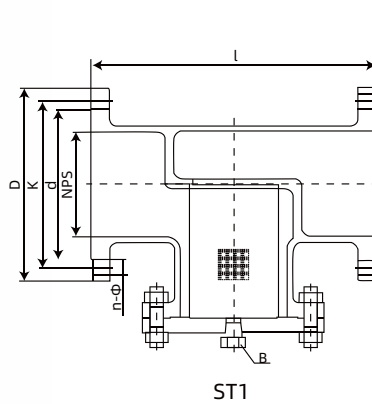
主要连接尺寸 Main connection dimension

单位Unitmm

DN	PN16						PN25						PN40					
	SY4P-PN16LbC SY4P-PN16LbP SY4R-PN16LbR						SY4P-PN25LbC SY4P-PN25LbP SY4R-PN25LbR						SY4P-PN40LbC SY4P-PN40LbP SY4R-PN40LbR					
	L	D	d	f	k	n-Φ	L	D	d	f	k	n-Φ	L	D	d	f	k	n-Φ
15	155	95	46	2	65	4-14	155	95	46	2	65	4-14	155	95	46	2	65	4-14
20	155	105	56	2	75	4-14	155	105	56	2	75	4-14	155	105	56	2	75	4-14
35	160	115	65	3	85	4-14	160	115	65	3	85	4-14	160	115	65	3	85	4-14
32	180	140	76	3	100	4-14	180	140	76	3	100	4-18	180	140	76	3	100	4-18
40	220	150	84	3	110	4-18	220	150	84	3	110	4-18	220	150	84	3	110	4-18
50	248	165	99	3	125	4-18	248	165	99	3	125	4-18	248	165	99	3	125	4-18
65	250	185	118	3	145	4-18	250	185	118	3	145	8-18	250	185	118	3	145	8-18
80	285	200	132	3	160	8-18	285	200	132	3	160	8-18	285	200	132	3	160	8-18
100	320	220	156	3	180	8-18	320	235	156	3	190	8-22	320	235	156	3	190	8-22
150	450	285	211	3	240	8-22	156	300	211	3	250	8-26	456	300	211	3	250	8-26
200	536	340	266	3	295	12-22	536	360	274	3	310	12-26	536	375	284	3	320	12-30
250	610	405	319	3	355	12-26	610	425	330	3	370	12-30	622	450	345	3	385	12-33
300	690	460	370	4	410	12-26	690	485	389	4	430	16-30	711	515	409	4	450	16-33
350	790	520	429	4	470	16-26	790	555	448	4	490	16-33	838	580	465	4	510	16-36
400	845	580	480	4	525	16-30	845	620	503	4	550	16-36	860	660	535	4	585	16-39
500	1005	715	609	4	650	20-33	1005	730	609	4	660	20-36	1025	755	615	4	670	20-42

国标、德标T型过滤器

GB、DIN T Type Strainer



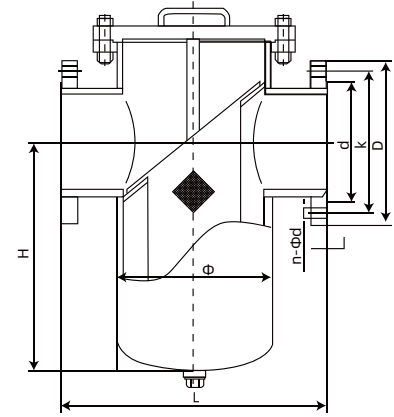
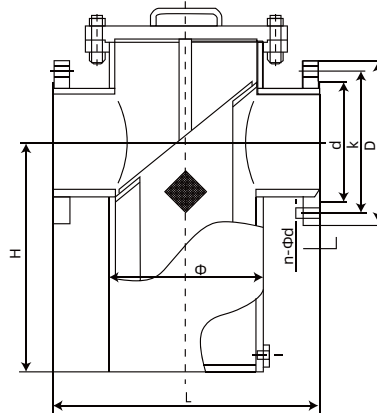
主要连接尺寸 Main connection dimension

单位 Unit:mm

DN	PN16						PN25						PN40					
	SY4P-PN16LbC SY4P-PN16LbP SY4R-PN16LbR						SY4P-PN25LbC SY4P-PN25LbP SY4R-PN25LbR						SY4P-PN40LbC SY4R-PN40LbR SY4R-PN40LbR					
	L	D	d	f	K	n-Φ	L	D	d	f	K	n-Φ	L	D	d	f	K	n-Φ
15	108	95	46	2	65	4-14	108	95	46	2	65	4-14	152	95	46	2	65	4-14
20	117	105	56	2	75	4-14	117	105	56	2	75	4-14	178	105	56	2	75	4-14
25	127	115	65	3	85	4-14	127	115	65	3	85	4-14	203	115	65	3	85	4-14
32	140	140	76	3	100	4-14	140	140	76	3	100	4-18	216	140	76	3	100	4-18
40	165	150	84	3	110	4-18	165	150	84	3	110	4-18	229	150	84	3	110	4-18
50	203	165	99	3	125	4-18	203	165	99	3	125	4-18	267	165	99	3	125	4-18
65	216	185	118	3	145	4-18	216	185	118	3	145	8-18	292	185	118	3	145	8-18
80	241	200	132	3	160	8-18	241	200	132	3	160	8-18	318	200	132	3	160	8-18
100	292	220	156	3	180	8-18	292	235	156	3	190	8-22	356	235	156	3	190	8-22
150	406	285	211	3	240	8-22	406	300	211	3	250	8-26	444	300	211	3	250	8-26
200	495	340	266	3	295	12-22	495	360	274	3	310	12-26	533	375	284	3	320	12-30
250	622	405	319	3	355	12-26	622	4225	330	3	370	12-30	622	450	345	3	385	12-33
300	698	460	370	4	410	12-26	698	485	389	4	430	12-30	711	515	409	4	450	16-33
350	787	520	429	4	470	16-26	787	555	448	4	490	16-33	838	580	465	4	510	16-36
400	864	580	480	4	525	16-30	864	620	503	4	550	16-36	864	660	535	4	585	16-39
500	978	715	609	4	650	20-33	978	730	609	4	660	20-36	1016	755	615	4	670	20-42

蓝式过滤器

Flat Basket Strainer



直通平底蓝式过滤器 Inline connection flat basket strainer

单位Unit:mm

NPS		1	1/4	1/2	2	2 1/2	3	4	5	6	8	10	12	16	18	
DN		25	32	40	50	65	80	100	125	150	200	250	300	400	450	
产品型号 Type	Φ	114	114	114	114	114	140	168	219	273	324	377	426	530	610	
	H	120	130	140	150	180	200	230	280	370	480	525	580	750	780	
	f	2	2	2	2	3	3	3	3	3	3	3	4	4	4	
sDGP-4P-PN16C SDGP-4P-PN16P SDGP-4R-PN16R	PN16	L	203	203	203	203	216	241	292	356	406	495	622	698	864	978
		D1	115	140	150	165	185	200	220	250	285	340	405	460	580	640
		D2	85	100	110	125	145	160	180	210	240	295	355	410	525	585
		n-Φd	4=14	4=18	4=18	4=18	4=18	8=18	8=18	8=18	8=22	12=22	12=26	12=26	16=30	20=30
SDGP-4P-PN25C SDGP-4P-PN25P SDGP-4R-PN25R	PN25	L	203	203	203	203	216	241	292	356	406	495	622	698	864	978
		D1	115	140	150	165	185	200	235	270	300	360	425	485	620	670
		D2	85	100	110	125	145	160	190	220	250	310	370	430	550	600
		n-Φd	4-14	4-18	4-18	4-18	8-18	8-18	8-22	8-26	8-26	12-26	12-30	16-30	16-36	20-36
排污口B Drain	I II-NPS	RC 1/2"				RC 3/8 "				RC 3/4"						
		1/2"-RF 1/2"-M				3/4"-RF 3/4"-M				1"-RF 1"-M						

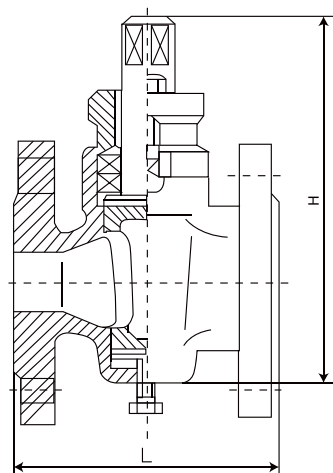
直通弧底蓝式过滤器 Inline connection arc basket strainer

单位Unit:mm

NPS		4	5	6	8	10	12	14	16	18	20	
DN		100	125	150	200	250	300	350	400	450	500	
产品型号 Type	Φ	168	219	273	324	377	426	480	530	610	711	
	H	250	300	380	500	550	620	700	780	820	880	
	f	3	3	3	3	3	4	4	4	4	4	
sDGP-4P-PN16C SDGP-4P-PN16P SDGP-4R-PN16R	PN16	L	292	356	406	495	622	698	787	864	978	978
		D1	220	250	285	340	405	460	520	580	640	715
		D2	180	210	240	295	355	410	470	525	585	650
		n-Φd	8-18	8-18	8-22	12-22	12-26	12-26	16-26	16-30	20-30	20-33
SDGP-4P-PN25C SDGP-4P-PN25P SDGP-4R-PN25R	PN25	L	292	356	406	495	622	698	787	864	978	978
		D1	235	270	300	360	425	485	555	620	670	730
		D2	190	220	250	310	370	430	490	550	600	660
		n-Φd	8-22	8-26	8-26	12-26	12-30	16-30	16-33	16-36	20-36	20-36
排污口B Drain	I II-NPS	RC 3/8"			RC 1/2 "			RC 3/4"				
		3/4"-RF 3/4"-M			1"-RF 1"-M			1 1/4"-RF 1 1/4"-M				

国标旋塞阀

GB Plug Valve



主要连接尺寸及重量 Main Connection Dimensions and Weight

X43W-o.6

压力等级 Pressure		PN6													
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L-RF-BW		80	90	110	130	150	170	220	250	300	350	400	480	600	730
H		115	120	125	140	150	165	180	190	229	290	350	450	500	740
重量weight (kg)		4	5	7	10	14	22	32	46	96	134	180	260	350	520

注:4'及以上为蜗轮操作

Note: 4" above with worm gear.

X43W-10

压力等级 Pressure		PN10													
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L-RF-BW		80	90	110	130	150	170	220	250	300	350	400	480	600	730
H		115	120	125	140	150	165	180	190	229	290	350	450	500	740
重量weight (kg)		4	5	7	10	14	22	32	46	96	134	180	260	350	520

注:4'及以上为蜗轮操作

Note: 4" above with worm gear.

美标卡套软密封旋塞阀

Sleeve Type Soft Sealing Plug valve acc.to ANSI

产品结构特点 Product Structural Features

美标卡套式软密封旋塞阀适用于公称压力CLASS150~90CLb, 工作温度-29~180°C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。

Sleeve type soft sealing plug valve ac. to ANSI is applicable to the cutting and connection of pipelines medium that are used in various industries, such as petroleum, chemical industry, pharmacy, chemical fertilizer, power industry, under normal pressure of CLASS150~300L.b, and working temperature of -29~180°C.

主要结构特点 Main Structural features

- 1、产品结构合理、密封可靠、性能优良、造型美观;
- 2、它的密封性是通过卡套四周的密封面来实现的。独特的360°金属唇边保护固定卡套;
- 3、阀门没有空腔给介质积聚;
- 4、金属唇边在旋塞转时提供自洁的作用, 适合于粘稠和易结垢的工况;
- 5、双向流动, 安装使用更方便。
- 6、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、The product has reasonable structure, reliable sealing, excellent performance and beautiful appearance.
- 2、Its sealing is realized by the sealing face around the sleeve. It has unique 360 degree metal edge for protection and foing of the sleeve.
- 3、There is no cavity in the valve for accumulation of medium.
- 4、Metal edge provides the function of self-cleaning when the plug is rotated, applicable to the operation condition that is glutinous and apt to smudge.
- 5、Its characteristic double-direction flow makes installation and use more convenient.
- 6、The materials of the parts and sizes of flanges can be reasonably configured according to the actual operation condition of the requirement of the customers, so as to meet the various needs of engineering.

技术规范 Technical specification

结构形式 Structure formation	BB-GB-0S&Y
驱动方式 Driving way	手柄、蜗轮蜗杆传动、气动、电动 Wrench wheel, worm & worm gear, pneumatic, electric-actuated
设计标准 Design standard	API599, API6D
结构长度 Face to face/end to end	ASME B16.10
连接法兰 Flange ends	ASME B16.5
试验和检验 Test & inspection	API598、API6D

注: 阀门连接法兰尺寸根据用户要求设计制造。

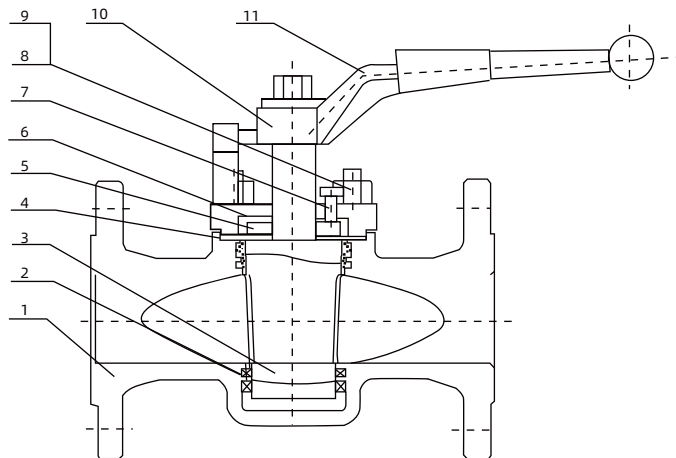
Note: The size of serial valve connection flange can be designed according to customers requirement.

产品性能规范 Products performance specification

公称压力(LB) Nominal pressure	壳体试验压力(MPa) Shell test	密封试验压力(MPa) Sealing test	适用温度(°C) Suitable temperature	使用介质 Suitable medium
150	3.0	2.2	≤180C	水、蒸气、油品等 Water, oil & gas
300	7.5	5.5		
600	15.0	11.0		
900	22.5	16.5		

美标卡套软密封旋塞阀

Sleeve Type Soft Sealing Plug Valve acc.to ANSI

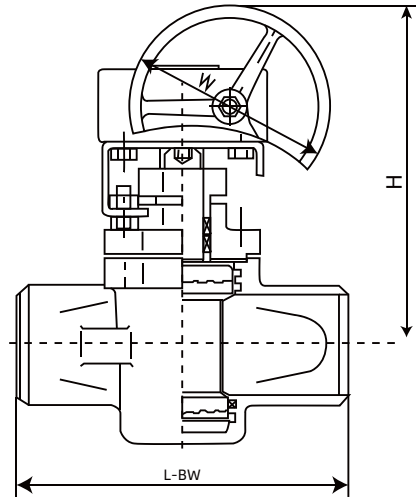
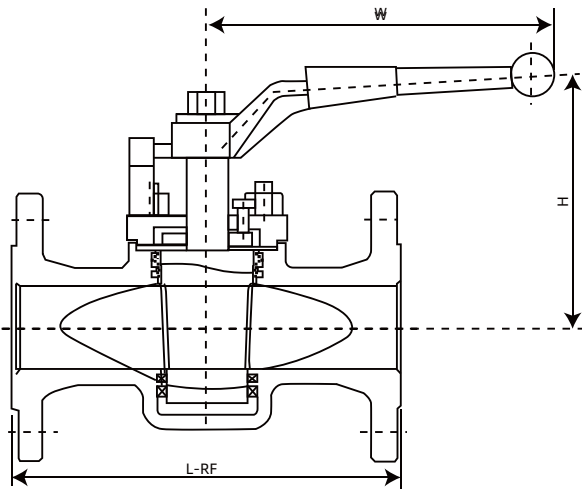


主要零部件材质 Main parts materials

序号 No	名称 Parts name	材质 Material
1	阀体 Body	ASTM A216 WCB ASTM A351-CF8、CF8M、CF3、CF3M
2	卡套 Sleeve	PTFE
3	塞子 Plug	ASTMA217-WC1、WC6、WC9、C5 ASTM A351-CF8、CF8M、CF3、CF3M
4	垫片 Gasket	PTFE
5	调整垫 Adjusting gasket	ASTM A182-F304、F316、F321、F304L、F316 ASTM A182-Gr.F6a ASTM A182-F22
6	阀盖 Cover	ASTM A216-WCB ASTM A351-CF8、CF8M、CF3、CF3M
7	螺栓 Bolt	ASTM A194-2H、A194-8、A194-8M
8	六角螺母 Nut	ASTM A194-2H、A194-8、A194-8M
9	调整压盖 Adjusting gland	ASTM A216 WCB ASTM A351-CF8、CF8M、CF3、CF3M
10	内六角螺栓 Nut	ASTM A193-B7、A193-B8、A193-B8M
11	手柄 Wrench	ASTM A216-WCB

美标卡套软密封旋塞阀

Sleeve Type Soft Sealing Plug valve acc.to ANSI



主要连接尺寸及重量 Main Connection Dimensions and Weight

X43F-150Lb

压力等级 Pressure		150Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF		108	117	127	140	165	178	190	203	229	254	267	282	330	356	381
L-BW		152	178	203	210	229	267	305	330	356	381	394	457	533	610	686
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
W		172	175	175	220	280	305	350	405	300	300	320	320	350	380	450
重量 Weight(kg)		8.5	9.5	10.5	12	14	18	22	26	40	60	70	130	219	381	570

注:4"及以上为蜗轮操作 Note: 4" above with worm gear.

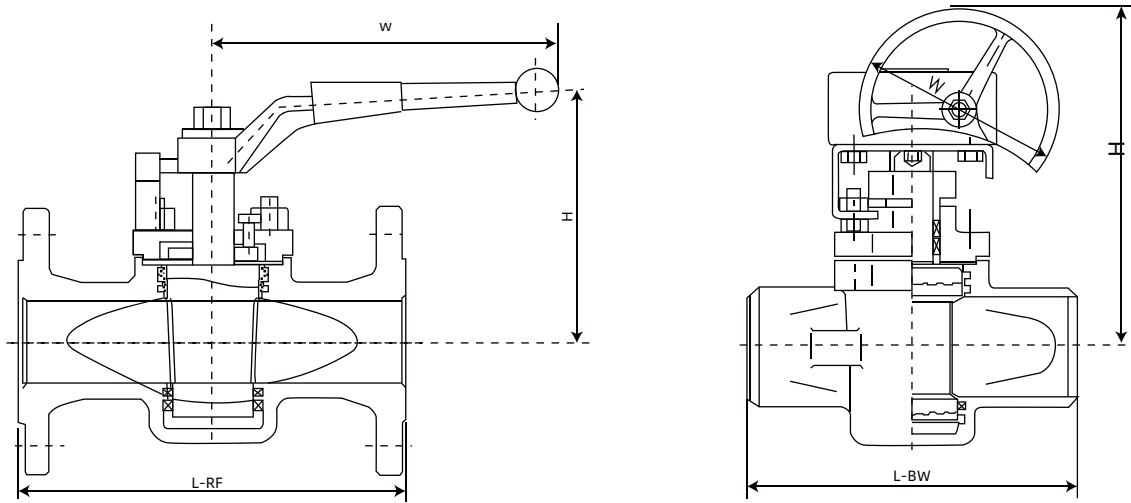
X43F-300Lb

压力等级 Pressure		300Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF		140	152	165	178	190	216	241	203	305	254	403	419	457	502	762
L-BW		152	178	203	216	229	267	305	330	356	381	457	521	559	635	762
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
重量 Weight(kg)		9.5	10.5	12	14	16	20	24	29	53	60	85	185	230	390	550

注:4"及以上为蜗轮操作 Note: 4" above with worm gear.

美标卡套软密封旋塞阀

Sleeve Type Soft Sealing Plug valve acc.to ANSI



主要连接尺寸及重量 Main Connection Dimensions and Weight

X43F-600Lb

压力等级 Pressure		600Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF		165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
W		175	175	175	220	280	302	350	405	300	300	320	320	350	380	450
重量 Weight(kg)		11	13	17	20	23	27	31	36	72	98	141	245	330	515	710

注:4"及以上为蜗轮操作

Note: 4" above with worm gear.

X43F-900Lb

压力等级 Pressure		900Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF		229	229	254	279	305	368	419	381	457	559	610	737	838	965	1029
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
重量 Weight(kg)		13	16	21	24	28	32	40	47	91	117	165	285	420	610	860

注:4"及以上为蜗轮操作

Note: 4" above with worm gear.

美标倒装油密封压力平衡式旋塞阀

Inverted Pressure Balance Lubricated Plug Valve acc.to ANSI

产品结构特点 Product Structural Features

美标压力平衡式倒装油密封旋塞阀适用于公称压力CLASS150~2500Lbs, 工作温度-29~180°C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。

Inverted pressure balance lubricated plug valve acc.to ANSI is applicable to the cutting and connection of pipelines medium that are used in various industries, such as petroleum, chemical industry, pharmacy, chemical fertilizer, electric power industry, under nominal pressure of CLASS150~2500Lbs and working temperature of -29~180°C.

主要结构特点 Main Structural features

- 1、产品结构合理、密封可靠、性能优良、造型美观;
 - 2、倒装压力平衡的结构,开关动作轻;
 - 3、阀体和密封面间设有油槽,可随时通过油嘴向阀座注入密封油脂,增加密封性能;
 - 4、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、 It has reasonable structure, reliable seal, excellent performance and beautiful appearance. 2、 It has the structure of flip-chip balanceable pressure and light on/off operation.
- 3、 An oil groove is set between valve body and seal surface, which may infuse the seal grease to increase the seal capability,
- 4、 The materials of the parts and sizes of flanges can be reasonably configured according to the actual operation condition of the requirement of the customers, so as to meet the various needs of engineering.

技术规范 Technical specification

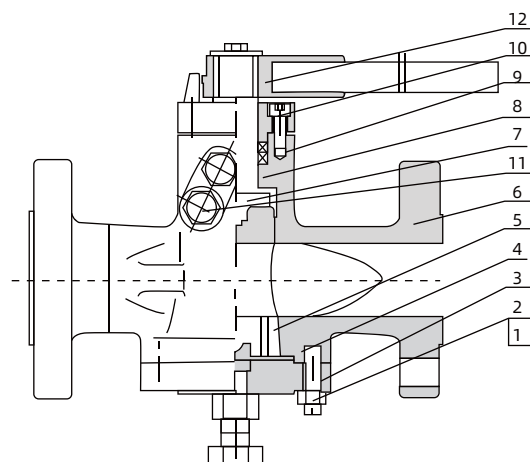
结构形式 Structure formation	BC
驱动方式 Driving way	手动 Hand-operated 电动 Electric-actuated
设计标准 Design standard	API599、API6D
结构长度 Face to face/end to end	ASME B16.10
连接法兰 Flange ends	ASME B16.5
试验和检验 Test & inspection	API598、API6D

产品性能规范 Products performance specification

公称压力(LB) Nominal pressure	壳体试验压力(MPa) Shell test	密封试验压力(MPa) Sealing test	适用温度(°C) Suitable temperature	使用介质 Suitable medium
150	3.0	2.2	≤180°C	水、蒸气、油品等 Water oil & gas
300	7.5	5.5		
600	15.0	11.0		
900	22.5	16.5		

美标倒装油密封压力平衡式旋塞阀

Inverted Pressure Balance Lubricated Plug Valve acc.to ANSI

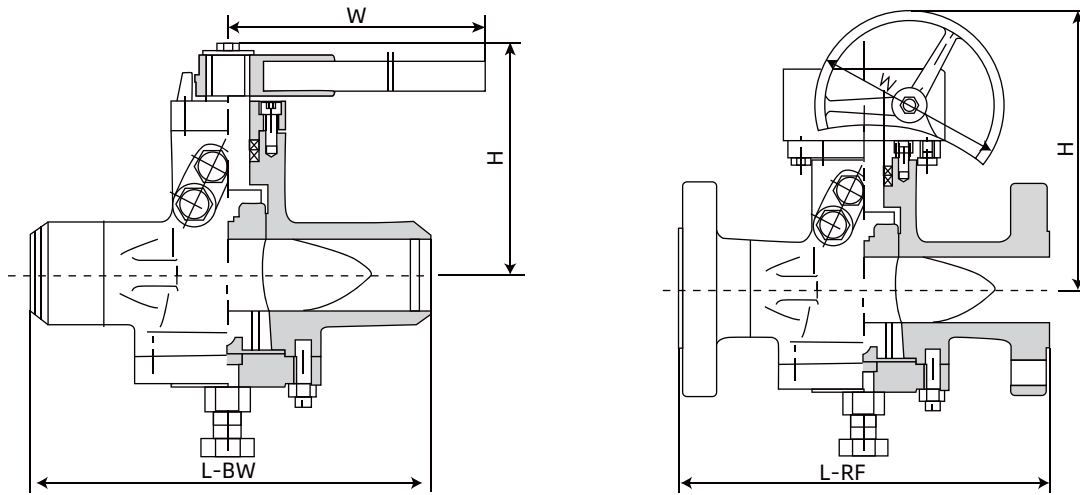


主要零部件材质 Main parts materials

序号 No.	名称 Parts name	材质 Material
1	双头螺栓 Bolt	ASTMA193-B7、A193-B8、A193-B8M
2	六角螺母 Nut	ASTM A194-2H、A194-8、A194-8M
3	阀盖 Cover	ASTM A216-wCB ASTM A351-CF8、CF8M、CF3、CF3M
4	垫片 Gasket	柔性石墨 + 不锈钢 Flexible graphite+stainless steel
5	塞子 Plug	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A351-CF8 Cr5M CF3 CF3M
6	阀体 Body	ASTMA216-WCB ASTM A351-CF8、CF8M、CF3、CF3M
7	阀杆 Stem	ASTMA182-Gr.F6a ASTM A182-F22 ASTM A182-F304、F316、F321、F304L、F316L
8	O型圈 O-ring	氟橡胶 VITON
9	填料 Packing	柔性石墨+304 Flexible graphite+304
10	填料压盖 Gland	ASTM A216-wCB ASTM A351-CF8、CF8M、CF3、CF3M
11	加油嘴 Oil nozzle	B62
12	手柄 Wrench	ASTMA47-32510、A216 WCB

美标倒装油密封压力平衡式旋塞阀

Inverted Pressure Balance Lubricated Plug Valve acc.to ANSI



主要连接尺寸及重量 Main Connection Dimensions and Weight

X47W-150Lb

压力等级 Pressure		150Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF		108	117	127	140	165	178	190	203	229	254	267	292	330	356	381
L-BW		152	178	203	216	229	267	305	330	356	381	394	457	533	610	686
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510	590
W		400	400	500	500	600	600	820	820	300	300	320	320	350	380	380
重量 Weight(kg)		10	12	4	17	19	21	29	33	48	75	98	125	171	230	370

注:4"及以上为蜗轮操作 Note: 4" above with worm gear.

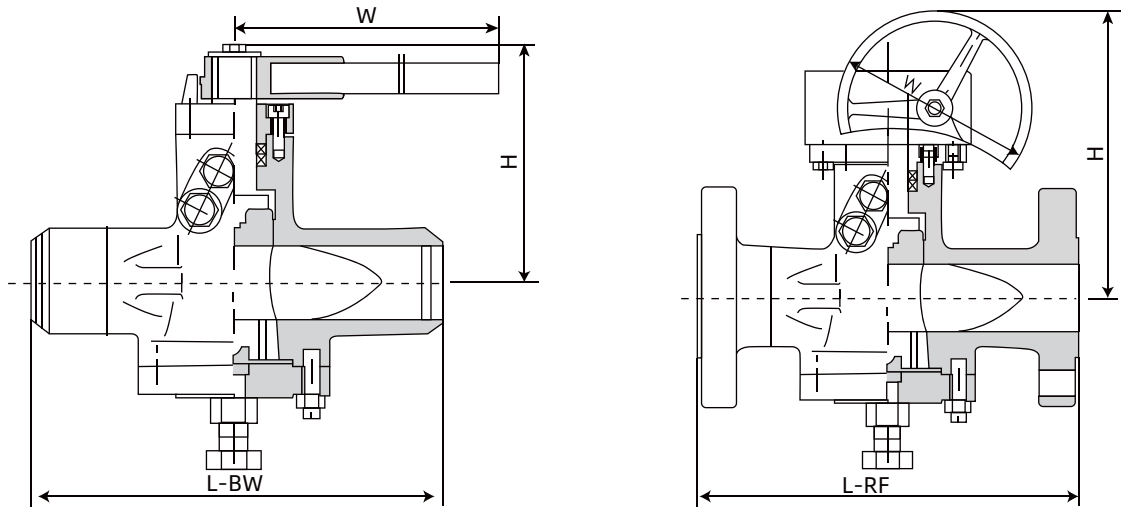
X47W-300Lb

压力等级 Pressure		300Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF		108	152	165	140	190	216	241	283	305	381	403	419	457	502	762
L-BW		152	178	203	216	229	267	305	330	356	381	457	521	559	635	762
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510	590
W		400	400	500	500	600	600	820	820	300	300	320	320	350	380	380
重量 Weight(kg)		12	14	16	17	21	24	31	36	61	86	130	190	255	380	560

注:4"及以上为蜗轮操作 Note: 4" above with worm gear.

美标倒装油密封压力平衡式旋塞阀

Inverted Pressure Balance Lubricated Plug Valve acc.to ANSI



主要连接尺寸及重量 Main Connection Dimensions and Weight

X43F-600Lb

压力等级 Pressure		600Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF.BW		165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510	590
W		400	400	500	500	600	820	1000	1000	300	300	320	320	350	380	380
重量 Weight(kg)		14	16	18	20	24	29	35	47	91	129	210	320	660	920	1250

注:4"及以上为蜗轮操作

Note: 4" above with worm gear.

X43F-900Lb

压力等级 Pressure		900Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF.BW		229	229	254	279	305	368	419	381	457	559	610	737	838	965	1029
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510	590
W		400	400	500	600	600	820	1000	1000	300	300	320	320	350	380	380
重量 Weight(kg)		17	29	21	24	30	37	44	65	110	160	255	380	810	1050	1460

注:4"及以上为蜗轮操作

Note: 4" above with worm gear.

法兰连接美标提升式硬密封旋塞阀

Flange-connection Lifting Plug Valve acc.to ANSI

产品结构特点Product Structural Features

法兰连接美标提升式硬密封旋塞阀适用于公称压力CLASS150~1500Lbs，工作温度-29~550℃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。

Flange-connection lifting plug valve acc. to ANSI is applicable to the cutting and connection of pipelines medturn that are used in various industries such as petroleum, chemical industry, pharmacy, chemical ferlier, power industry etc under nominal pressure of CLAS\$150~1500Lbs, and working temperature of -29~550°C.

主要结构特点Main Structural features

- 1、产品结构合理、密封可靠、性能优良、造型美观；
 - 2、阀门的启闭过程是在密封面脱离的状态下进行的，不会造成密封面的磨损；
 - 3、双向流动,安装使用更方便。
 - 4、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、The product has reasonable structure, reliable sealing, excellent performance and beautiful appearance.
 - 2、Opening and closing of the valve is carried out while the sealed surface is taken off so it will not cause abrasion on the sealed surface.
 - 3、Its characteristic bi-direction flow makes installation and use more convenient.
 - 4、The materials of the parts and sizes of flanges can be reasonably configured according to the actual operation condition of the requirements of the customers, so as to meet the various needs of engineering.

工作原理 Operation principle

阀门的启闭过程:开启阀门时,要先旋转手轮,使塞子上升,与密封面脱离,再旋转手柄90°,使塞子的通道和阀体的通道垂直,再旋转手轮,使塞子下降,达到密封。

Process of opening and closing of the valve. When opening the valve, first of all, turn the hand wheel to make the plug lifted and separated from the sealed surface, turn the wrench with 90 degree to connect the channel of plug to the channel of valve body, so that the valve is opened; when closing the valve, first of all, turn the handle by 90 degree to make the channel of plug vertical to the channel of valve body and then turn the hand wheel to descend the plug. finally the valve is sealed.

技术规范Technical specification

结构形式Structure formation	BB-BG-OS&Y
驱动方式 Driving way	手轮、伞齿轮、手柄 Handwheel, bevel gear, wrench
设计标准 Design standard	API599、API6D
结构长度 Face to face/end to end	ASME B16.10
连接法兰 Flange ends	ASME B16.5
试验和检验 Test & inspection	API598、API6D

注: 阀门连接法兰尺寸根据用户要求设计制造。

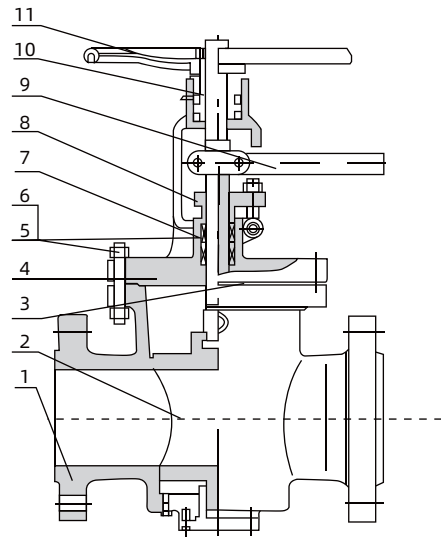
Note: The size of serial valve connection flange can be designed according to customers requirement.

产品性能规范Products performance specification

公称压力(LB) Nominal pressure	壳体试验压力(MPa) Shell test	密封试验压力(MPa) Sealing test	适用温度(°C) Suitable temperature	使用介质 Suitable medium
150	3.0	2.2	≤550°C	水、蒸气、油品等 Water oil & gas
300	7.5	5.5		
600	15.0	11.0		
900	22.5	16.5		
1500	37.5	27.5		

法兰连接美标提升式硬密封旋塞阀

Flange-connection Lifting Plug Valve acc.to ANSI

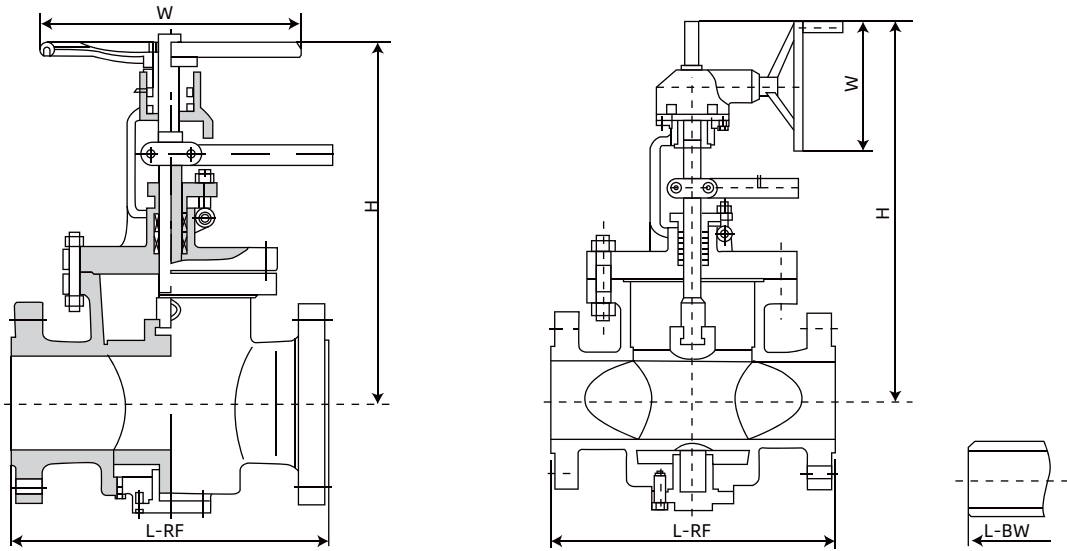


主要零部件材质 Main parts materials

序号 No.	名称 Parts name	材质 Material
1	阀体 Body	ASTM A216-wCB ASTM A217-WC1,WC6.WC9,C5 ASTM A351-CF8,CF8M,CF3,CF3M
2	塞子 Plug	ASTM A182-Gr,F6a ASTM A182-F22 ASTM A217-WC1wC6.wC9,C5 ASTM A351-CF8.CF8M.CF3,CF3M
3	垫片 Gasket	柔性石墨+不锈钢 Flexible graphite+stainless steel
4	阀盖 Cover	ASTM A216-WCB ASTM A217-WC1.wC6.wC9.C5 ASTM A351-CF8.CF8M,CF3,CF3M
5	螺栓 Bolt	ASTM A193-B7,A193-B8,A193-B8M
6	六角螺母 Nut	ASTM A194-2H,A194-8,A194-8M
7	填料 Packing	柔性石墨+304 Flexible graphite+304
8	填料压盖 Gland	ASTM A216-wCB ASTM A217-WC1,WC6.WC9,C5 ASTM A351-CF8,CF8M,CF3,CF3M
9	手柄 Wrench	ASTM A216-wCB ASTM A351-CF8,CF8M,CF3,CF3M
10	阀杆螺母 Yoke nut	铜合金 ZQA19-4
11	手轮 Handwheel	ASTM A536 Gr.60-40-18 ASTM A216-WCB

法兰连接美标提升式硬密封旋塞阀

Flange-connection Lifting Plug Valve acc.to ANSI



主要连接尺寸及重量 Main Connection Dimensions and Weight

X47W-150Lb

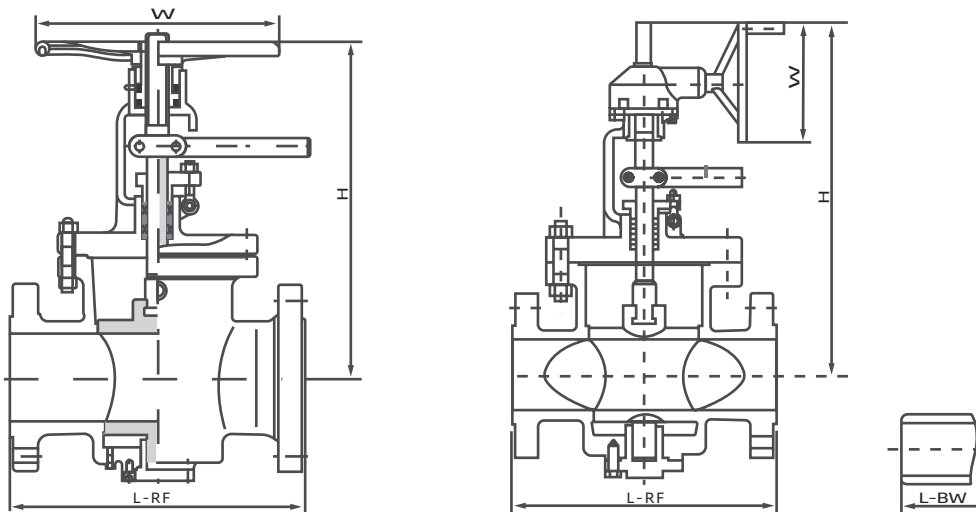
压力等级 Pressure		150Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF		108	117	127	140	165	178	190	203	229	254	267	292	330	356	381
L-BW		152	178	203	216	229	267	305	330	356	381	394	457	530	610	686
H		190	195	225	260	280	310	340	395	435	470	535	590	630	680	720
W		120	140	140	180	200	220	260	280	300	340	400	450	450	500	500
重量 Weight(kg)		9	10	11	17	19	23	25	32	55	82	98	130	178	250	380

X43Y-300Lb

压力等级 Pressure		300Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF		140	152	165	178	190	216	241	283	305	381	403	419	457	502	762
L-BW		152	178	203	216	229	267	305	330	356	381	457	521	559	635	762
H		190	195	225	260	280	310	340	395	435	470	535	590	630	680	720
W		120	140	140	180	200	220	260	280	300	340	400	450	450	500	500
重量 Weight(kg)		10	12	14	19	21	28	34	39	75	95	135	200	255	415	650

法兰连接美标提升式硬密封旋塞阀

Flange-connection Lifting Plug Valve acc.to ANSI



主要连接尺寸及重量 Main Connection Dimensions and Weight

X43Y-600Lb

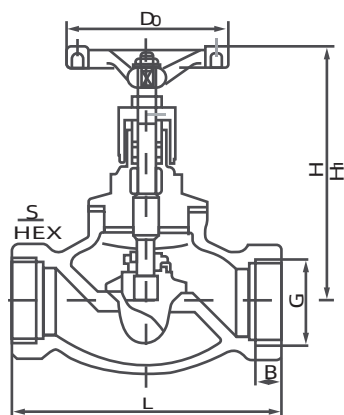
压力等级 Pressure		600Lb														
口径 Size	mm	50	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3	4	5	6	8	10	12	14
L-RF BW		165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
H		190	195	225	260	280	310	340	395	435	470	535	590	630	680	720
W		120	140	140	180	200	220	260	280	300	340	400	450	450	500	500
重量 Weight(kg)		13	14	19	23	25	32	40	55	105	139	300	440	730	1150	1570

X43Y-900Lb

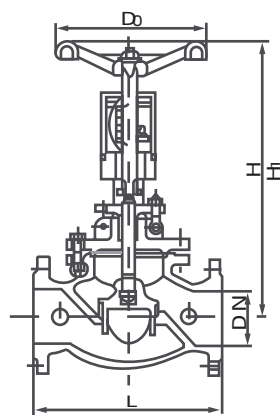
压力等级 Pressure		600Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3	4	5	6	8	10	12	14
L-RF BW		229	229	254	279	305	368	419	381	457	559	610	737	838	965	1029
H		190	195	225	260	280	310	340	395	435	470	535	590	630	680	720
W		120	140	140	180	200	220	260	280	300	340	400	450	450	500	500
重量 Weight(kg)		16	17	26	30	33	39	50	70	137	181	397	590	860	1470	1880

手动调节阀

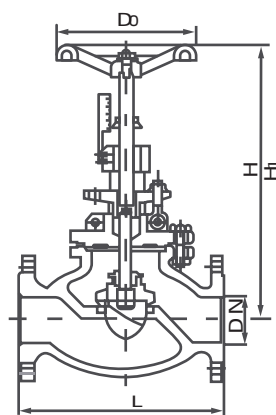
Regulating Valve



TJ10型



TJ40型



TJS40型
(自锁型Self-Lock)

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

公称通径 DN	PN1.0/1.6/2.5MPa							WT (kg)
	L	G	B	S	H	H1	D0	
15	90	1/2"	16	32	160	170	80	0.9
20	100	3/4"	18	38	160	172	120	1.1
25	120	1"	20	46	182	195	160	1.8
32	140	1 1/4"	22	55	192	210	180	2.8
40	170	1 1/2"	24	60	250	279	200	3.8
50	200	2"	26	75	264	290	230	5.7

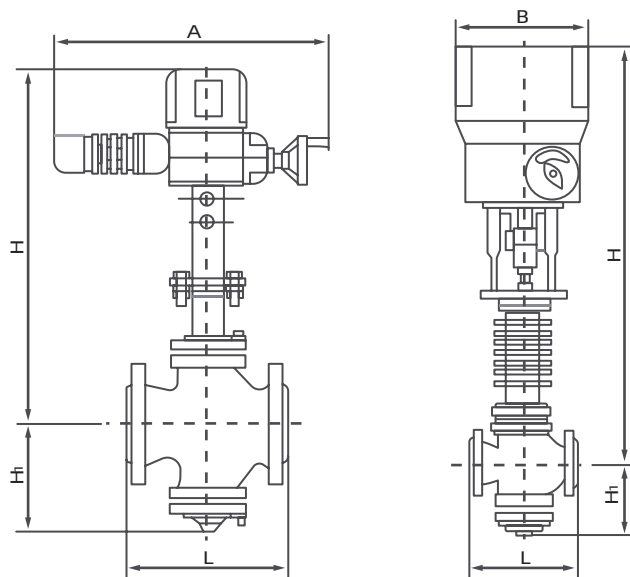
主要外形和连接尺寸 Main External and connection dimension

单位unit: mm

公称通径 DN	PN1.0/1.6/2.5MPa				WT (kg)
	L	H	H1	D0	
15	130	160	172	80	2.5
20	150	160	172	120	3.5
25	160	182	195	160	4.8
32	180	192	210	180	7
40	200	250	273	200	9.5
50	230	264	290	230	13.5
65	290	380	426	230	28
80	310	413	468	270	35
100	350	488	530	320	58
125	400	540	613	340	79
150	480	623	698	400	117
200	600	887	777	500	185
250	730	915	1030	560	327
300	850	940	1080	680	422
350	980	968	1128	680	610
400	991	990	1175	720	750
450	1082	1100	1300	800	-
500	1184	1130	1360	800	-

电动调节阀

Electric Regulating Valve

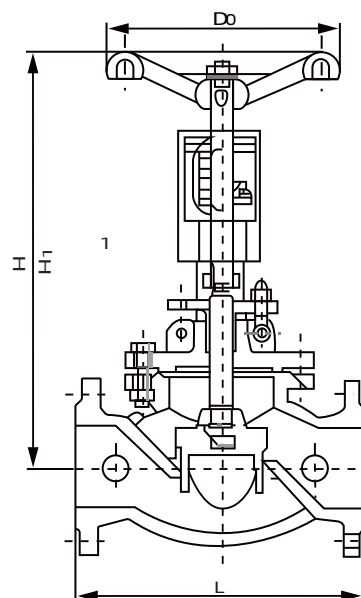


主要外形和连接尺寸 Main External and connection dimension

公称 通径 DN	尺寸(mm)									电动执行 机构型号 Electric adminiister framework type	出轴推力 MPa (kgf/cm ²) Output thrust	行程 h (mm) Joumey	额定流量系数 Rating flux coefficient							
	L			ZAZP型 Type			ZAZP型 Type						A (长) Long	B (宽) Wldth	单座 one-seater	双座 one-seater				
	PN1.6 (MPa)	PN4.0 (MPa)	PN6.4 (MPa)	H		H1	H		H1											
				常温型 Normal temperature	散热型 Heat- scattering type		常温型 Normal temperature	散热型 Heat- scattering type												
20	180	185	190	495	655	95	-	-	-	490	ZAZ-25 DLZ-310	2.5 40 (25400)	10	1.2-5	-					
25	185	190	205	767	928	112	787	937	117					230	ZAZ-25 DLZ-310	40 (400)	16	8	10	
32	200	210	220	793	940	118	793	942	120			25	20					25	12	16
40	220	230	240	812	963	129	832	982	139										530	DKZ-410
50	250	255	265	842	993	144	842	992	144			630	DKZ-510	(160)	100	50	63			
65	275	285	295	967	1127	178	987	1147	188	60	280					400	80	100		
80	305	310	325	990	1142	191	1017	1177	208								60	280	400	120
100	350	355	370	999	1151	195	1041	1207	220	60	280	400	450	630	200	250				
125	410	425	440	1092	1307	245	1142	1357	270						60	280	400	450	630	280
150	450	460	475	1112	1327	255	1162	1377	280	60	280	400	450	630						450
200	550	560	570	1187	1402	290	1244	1459	320						60	280	400	450	630	700
250	670	740	750	-	-	-	1472	1599	440	60	280	400	450	630						1000
300	770	805	820	-	-	-	1530	1747	502											

平衡调节阀

Balance Accommodate Valve



概述 Summary

本公司生产工艺KPF型平衡调节阀是一种具有特殊功能的阀门，它除具有调节阀功能外，还能实现流量定量，可以有效地解决供热（空调）系统中存在的室温冷热不匀问题。由于该阀上设有开启度指示，开度锁定装置及用于流量测定的测压小阀，所以只要在各支路及用户入口处装上适当的规格的平衡阀，并用专用智能仪表进行一次性调节后锁定，将系统的总水量控制在合理范围内，就能克服了“大流量，小温差”的不合理现象。该产品是供热系统中的理想产品。

The company has produced KPF model of balance adjustable valve Besides adjustable function, it can realize ration on capacity, efficiently solve the problem of unequally cold and hot room temperature in heating system (air-condition) .Because to this valve has indicator of open degree, thereby, as long as suitable balance valve is installed on each spur track, and special intelligent instrument is willing to debug once and lock the setting, total capacity of the system will be in a reasonable range to overcome the unreasonable phenomenon of large capacity"and"small temperature differential". This product is ideal in heating system.

采用标准 Adoptstandard

设计标准 Design standard	GB/T 12235
结构长度Face to face	GB/T12221
配管法兰Tubing flange	JB/T79、GB/T 2416
试验与检验Test and check up	GB/T 13927、JB/T 9092
传动方式 Drive mode	手动、齿轮动、电动Manual, conical gear actuator, electric

主要性能参数 Main performance parameter

公称压力Nominal pressure	1.0	1.6	2.5	MPa
壳体试验 Shell test	1.5	2.4	3.75	
密封试验Seal test	1.1	1.76	2.75	
适用介质Suitable medium	水、蒸汽Water, steam			
工作温度Working temperature	-29~+350°C			

主要外形和连接尺寸Main externaland connection dimension

型号Model	KPF-16																		
公称压力PN (MPa)	1.6																		
公称通径DN (MPa)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500	600	
尺寸 (mm)	H	130	150	160	180	200	230	290	310	350	400	480	495	622	698	787	914	978	1295
	H	150	160	182	192	250	264	380	413	446	540	623	687	782	914	968	1037	1440	1790
	H ₁	160	170	197	207	270	284	410	448	506	595	688	762	867	1009	1073	1152	1440	1790
	D ₀	80	180	80	90	100	120	200	200	240	240	360	400	500	500	680	680		

ZJHM_M^P精小型气动薄膜单座、套筒调节阀

Small-scale Pneumatic Diaphragm Single Seatsleeve Regulating Valve

用途 Use

ZJHP、ZJHM精小型气动薄膜单座、套筒调节阀采用顶部导向结构，配用多弹簧执行机构。具有结构紧凑、重量轻、动作灵敏、流体通道S流线型、压降损失小、阀容量大、流量特性精确、拆装方便等优点。广泛应用于精确控制气体、液体等介质的工艺参数对压力、流量、温度、液位保持在给定值。特别适用于允许泄漏小且阀前后压差不大的场合。
本系列产品有标准型、调节切断型、波纹管密封型、夹套保温型等多种品种。产品公称压力等级有PN16、40、64；公称通径范围DN20~300。适用流体温度由于20°C至560°C范围内多种档次。泄漏量标准有IV级或V级，流量特性为线性或等百分比。多种多样的品种规格可供选择。

ZJHP、ZJHM small-scale pneumatic diaphragm single seat, sleeve regulating valve adopts top guide structure installed with multi-spring actuator mechanism. with such advantages as compact structure, light weight, motion sensitivity, S-streamlined fluid flow channel, small pressure drop, high valve capacity, precise flow characteristic and convenient disassembly/assembly. It is widely applied to precisely controlling technological parameters of media like gas, liquid etc and maintaining set values for pressure, flow rate, temperature and liquid level. And it is especially applicable to occasions with low allowable leakage and little differential pressure before/behind valve.

This series products include many varieties such as standard types, regulating cutoff type, corrugated pipe sealing type and jacketed thermal insulation types. Product nominal pressure rating includes PN16、40、64; Inside nominal diameter range is DN20~300. Applicable fluid temperature ranges from 20°C to 560°C. Leakage rate standard is IV or VI class. Flow characteristic belong to linear or equal percentage. A wide range of products are available for choice.



主要零件材料 Material of main parts

阀体、阀盖:HT200、ZG230-450、ZG1Cr18Ni9Ti
 阀芯、阀座:1Cr18Ni9Ti、司钛莱合金堆焊
 软密封阀芯:增强聚四氟乙烯
 填料:聚四氟乙烯、柔性石墨、不锈钢波纹管
 垫片:橡胶石棉板、1Cr18Ni9T、石墨缠绕垫片
 膜盖:A3
 波纹膜片:丁腈橡胶夹增强涤纶织物
 弹簧:60Si2Mn
 阀杆、推杆:2Cr13、1Cr18Ni9Ti
 衬套:2Cr13

Valve body, valve bonnet::HT200、ZG230-450、ZG1Cr18Ni9Ti
 Valve element, valve seat:1Cr18Ni9Ti、bead-welded stellite alloy
 Soft sealing valve element:Reinforced PTFE
 Stuffing:PTFE,flexible graphite, stainless steel corrugated pipe
 Gasket:Rubber asbestos plate、1Cr18Ni9T、graphite-winding gasket
 Diaphragm cover:A3
 Corrugated diaphragm: NBR lined with reinforced polyester fabric
 Spring:60Si2Mn
 Valve stem, pushrod:2Cr13、1Cr18Ni9Ti
 Sleeve:2Cr13

主要技术参数 Technical specification

公称通径DN(mm) (阀芯直径DN) Valve element diameter	20				20	32	40	50	65	80	100	125	150	200	250	300	350	400	
	(10)	(12)	(15)	(20)															
额定流量系数 Rated flow coefficient KV	直线 Straight line	1.8	2.8	4.4	6.9	11	17.6	27.5	44	69	110	176	275	440	690	1100	1760		
	等百分比 Equal percentage	1.6	2.5	4.0	6.3	10	16	25	40	63	100	160	250	400	630	1000	1600		
额定行程 L(mm) Rated travel	10				16		25		40			60			100				
膜片有效面积Ae(cm ²) Effective area of diaphragm	280				100		600			1000			1600						
信号范围Pr(KPa) Signal range	20~100、40~200、80~240, 段幅Range: 20~60、60~100																		
气源压力Ps(MPa) Air supply pressure	0.14~0.4																		
固有流量特性 Inherent flow characteristic	直线, 等百分比Straight line, equal percentage																		
固有可调比R Inherent adjustable ratio	50:1																		
允许泄漏量 Allowable leakage rate	硬阀塞: IV级, 软阀座: VI级 Hard valve seat:IV class, Soft valve seat:VI class																		
公称压力PN(MPa)	1.6、4.0、6.4																		
工作温度 Operating temperature t(°C)	常温型 Normal temperature type	-20~200、-40~250、-60~450																	
	散热型 Heat dissipation type	-40~250、-60~450																	
	高温型 High temperature type	450~560																	
	低温型 Low temperature type	-60~100、-100~-200、-200~-250																	

ZZYP式单座自力式压力调节阀

Single Seat Self-operated Pressure Regulating Valve

概述 overview

ZZYP式单座自力式压力调节阀(简称调床间)是不需要任何外加能源,利用被调介用自身能量而实现的执行器时又节约了能源,压力设计值在运行中可随意调整。采用快开流量特性。动作表效,密封性能好。因而它广涉店用于石油、化工、电力、合金、食品、轻纺、机械制造与居民建筑楼群等各工业设备中米气体,请体马,汽个压委压。稳压(用干能后调节了。或泄压增应用干用的调节的白自动控制

ZZYP single seat self-operated pressure reaulating valve (oressure requalaing vaive forshoris an actuator which requires no extenal energy rezes procture requation dependengan enery ofrequated mecium itself, thus saving energy. Pressure desig value is adjustable in operation. Quick oening flow characterisc sadoped Wh motons sens bty. oood seaing property i is widelv applied to preseure reduction/stnbilization fused for behind-valve regulstion) for gas liquid and vapormedium invarious industria equipments ofo. chemical engineering. powet, alloy, foodstuff, light fextile. machinery manufacturing and residential buildings. fressure relese valve is appued to automaic control over before-valve regulation.



ZZYP自力式压力调节阀

ZZYP sel-operated pressure negulating valve



ZZYP自力式压力调节阀

ZZYP sel-operated pressure negulating valve

主要技术参数 Technical specification

公称通径DN(mm)	20	25	32	40	50	65	80	100	125	150	22	250	300
额定流量系数Rated flow coefficient KV	7	1	20	30	48	75	120	190	300	480	760	1100	1750
额定行程 L(mm) Rated travel	8	8	10	10	14	20	20	25	40	40	50	60	70
公称压力PN(MPa)	1.6 6.4												
压力分段范围(LPa) Pressure sectional range	15~50 40~80 60~100 80~140 120~180 160~220 200~260 240~300 280~350 330~400 380~450 430~500 480~560 540~620 600~700 680~800 780~900 880~1000												
流量特性 flow characteristic	快开 Quick opening												
调节精度% Regulation precision	±5												
使用温度(°C) Use temperature	≤350												
允许泄漏量 Allowable leakage rate	10 ⁻⁴ X阀的额定容量 Rated capacity of10 ⁻⁴ Xvalve												
减压比 Decompression ratio	最大 Max.10、最小 Min.1.25												

V230Y⁰¹/₀₂型自力式压力调节阀

Self-operated Pressure Regulating Valve

概述 overview

V230Y01、V231Y02型自力式压力调节阀由阀体、阀座、阀芯部件等组成，是一种无需外来能源而只依靠被调介质自身的压力进行自动调节压力的节能型产品，可用于非腐蚀性的液体、气体和蒸汽等介质的压力控制装置。广泛用于石油、化工、冶金、轻工等工业部门及城市供热、供暖系统。大产品有公称压力PN16、40，公称通径范围20~300mm，使用温度≤350℃。多种多样的品种可供选择。

V230Y01、V231Y02 self-operated pressure regulating valve consists of valve body, valve seat and valve element etc. It is a kind of energy-efficient product that only relies on pressure of regulated medium itself to realize automatic pressure regulation without requiring any external energy. It can be used to control pressure of non-corrosive liquid, gas and vapor etc. And it is widely applicable to industrial departments of oil, chemical engineering, metallurgy, light industry as well as city heat supply and heating system. Its nominal pressure includes PN16、40. Inside nominal diameter range: 20~300mm. Operating temperature: ≤350℃. A wide range of products are available for choice.



V230Y02型自力式压力调节阀
V230Y02 type self-operated pressure regulating valve

主要技术参数 Technical specification

公称通径DN(mm)	20	25	32	40	50	65	80	100	125	150	22	250	300
额定流量系数 Rated flow coefficient KV	7	1	20	30	48	75	120	190	300	480	760	1100	1750
额定行程 L(mm) Rated travel	8		10	14		20	25		40	50	60	70	
公称压力PN(MPa)	1.6 6.4												
压力分段范围(LPa) Pressure sectional range	15~50、40~80、60~100、80~140、120~180、160~220、200~260 240~300、280~350、330~400、380~450、430~500 480~560、5450~620、 600~700、680~800、780~900、880~1000、600~1500、1000~2500												
流量特性 flow characteristic	快开 Quick opening												
调节精度% Regulation precision	±5												
使用温度(°C) Use temperature	≤530												
允许泄流量 Allowable leakage rate	硬密封(1/h) Hard seal	单座: ≤10 ⁻⁴ X阀额定容量(IV级)、双座和套筒 ≤5x10 ⁻³ 阀额定容量(11级) Single seat: ≤10 ⁻⁴ X valve rated capacity(IV class), double seats, sleeve: ≤5x10 ⁻³ valve rated capacity 11 class											
	软密封 Soft seal (m ³ /min)	0.15	0.30	0.45	0.60	0.90	1.70	4.0	6.75	11.10	16.0		
减压比 Decompression ratio	最大 Max	10											
	最小 Min	1.25											

ZAZ^P_M 电动精小型单座、套筒调节阀

Small-scale Electric Single Seat, sleeve Regulating Valve

概述 overview

ZAZP、ZAZM电动精小型单座、套筒调节阀是DKZ型电动单元组合仪表中的执行单元。它是生产过程自动调节系统中的重要环节之一。它以电源为动力接收统一的标准信号0~10或4~20mA.DC，将此转为与输入信号相对应的上下位移，自动地操纵阀门，改变阀的开启程度，从而达到对工业介质流量、压力、石油、冶金、电站和轻纺等工业生产过程的自动调节和远程控制。

本系列产品有标准型、波纹管密封型、夹套保温型等多种品种。产品公称压力等级有PN1.6、6.4MPa;公称通径范围DN20~400mm。

As an execution unit in DKZ electric combined unit instrument, AZP、ZAZM small scale electric single seat sleeve regulating valve is one of the important links in automatic regulation system of production process. Driven by electric source, it receives unified standard signal 0~10 or 4~20 mA.DC, which is changed into up-and-down displacement corresponding to input signal to automatically control valve and change its opening degree so as to realize automatic regulation and remote control over flow rate, pressure of industrial media as well as industrial production process of oil, metallurgy, power station and light textile etc.

This series products include many varieties such as standard types, corrugated pipe sealing types and jacketed thermal insulation types. Product nominal pressure rating includes PN1.6、6.4MPa; Inside nominal diameter range is DN20~400mm.



ZAZ^P_M 单座套筒阀
ZAZ^P_M Single seat sleeve regulating valve

主要零件材料 Material of main parts

阀体、阀盖 Valve body valve bonnet	阀芯、阀座 Valve element, valve seat	填料 Stuffing	垫片 Gasket Valve stem, pushrod	阀杆、推杆 Valve stem, pushrod	衬套 Sleeve
HT200 2G230~450、 2G1Cr18Ni9Ti 304、314L、 316、316L	1Cr18Ni9Ti 司钛莱合金堆焊 Bead-welded stellite alloy	聚四氟乙烯、柔性石墨 不锈钢波纹管 PTFE, flexible graphite, stainless steel corrugated pipe	橡胶石板、 1Cr18Ni9Ti 石墨缠绕垫片 Rubber asbestos plate 1Cr18Ni9Ti graphite-winding gasket	2Cr13、 1Cr18Ni9Ti	2Cr13

公称通径DN(mm) (阀芯直径DN) Valve element diameter	20				20	32	40	50	65	80	100	125	150	200	250	300	
	(10)	(12)	(15)	(20)													
额定流量系数 Rated flow coefficient KV	直线 Straight line	1.8	2.8	4.4	69	11	17.6	27.5	44	69	110	176	275	440	690	1100	1760
	等百分比 Equal percentage	1.6	2.5	4	6.3	10	16	25	40	63	100	160	250	400	630	1000	1600
额定行程 L(mm) Rated travel	10				16		25		40			60			100		
公称压力PN(MPa)	1.6、4.0、6.4																
固有流量特性 Inherent flow characteristic	直线、等百分比 Straight line、Equal percentage																
固有可调比R Inherent adjustable ratio	50:1																
允许泄漏量 Allowable leakage rate	允许泄漏量 Allowable leakage rate	硬密封:IV级、软密封:IV Hard valve seat: IV class、Soft valve seat: VI class															
	允许泄漏量 Allowable leakage rate	硬密封:IV级、软密封:IV Hard valve seat: IV class、Soft valve seat: IV class															
工作温度 Operating temperature t(°C)	-20~200-40~250-40~450-60~450																
信号范围Pr(kPa) Signal range	0~10 4~20																
电源电压 Power supply voltage	220V 50HZ																
作用方式 Action mode	电开式、电关式 Electric opening type, electric closing type																

ZDLP、N、M电子电动式调节阀

Electronic Type Electric Regulating Valve

用途 Use

ZDLP、N、M电子式调节阀是由3810L系列电子式电动执行机构和调节机构组成，电动执行机构内有伺服系统，无须另配伺服放大器。有输入信号及电源即可控制运转，连线简单，调节机构阀芯采用顶导向，适用于泄漏量要求严格，阀前后压差低及有一定粘度和含有纤维介质的场合。

ZDLP、N、M electronic type electric regulating valve consists of 3810L series electronic type electric actuating mechanism and regulating mechanism. Electric actuating mechanism has servo system inside, requiring no extra servo amplifier. Input signal and electric source can control operation and wiring is simple. Regulating mechanism valve element adopts top guiding structure and is suitable for occasions with strict leakage rate requirement, low before/behind valve differential pressure as well as viscous fiber-containing media.



ZAZ^P_M型

电子式防爆电动单座双座调节阀
Electronic type explosion-proof electric single seat/double seats regulating valve



ZAZ^P_M型

电子式电动单座、套筒调节阀
Electronic type electric single seat sleeve regulating valve

主要技术参数和性能指标 Main Technical parameters and performance indexes

1、单座调节机构主要技术参数 1. Main technical parameters of single seat regulating mechanism

公称通径DN(mm)	G3/4"		20	25	32	40	50	65	80	100	125	150	200							
阀座启径mm Valve seat opening diameter	3	4	5	6	7	8	10	12	15	20	26	32	40	50	65	80	100	125	150	200
上阀盖型式 Upper valve bonnet type	普通式(常温), 热片式(中温), 长颈式(低温) Common type (normal temperature), hot-plate type (medium temperature), long-neck type (low temperature)																			
公称压力MPa Nominal pressure	1.6、4.0、6.4(常温 normal temperature), 4.0、6.4(中温 medium temperature), 0.6、4.0、6.4(低温 low temperature)																			
行程mm Travel	10				16		25		40		60									
固有流量特性 Inherent flow characteristic	直线 Straight line						直线, 等百分比 Straight line, equal percentage													
温度(°C) Temperature	-20~+200 --40~+250 常温 normal temperature) -20~+450 (medium temperature), -250~60 低温 low temperature																			
配电动执行机构型号 Attached with electric actuating mechanism models	361LSA-08			361LSA-10			361LSB-30			361LSB-50			361LSC-65							
	361LXA-08			361LXA-20			361LXB-30			361LXB-50										

ZMA_X^Q型气动薄膜三通调节阀 ZDL_X^Q电子式电动三通调节阀

Pneumatic diaphragm three-way regulating valve Electronic type electric three-way regulating valve

概述 overview

7MAQ、7MAX型气动薄膜三通调节阀有合流和分流两种作用方式。阀芯结构采用见筒口，并采用阀芯侧面导向。三通阀在某些场合可以替代两个三通阀和一个三通接管而得到广泛应用，常用于简单的配比调节。

ZDL0、ZDLX形电子式电动三通调节阀是由3810系列电子式电动执行机构与三通调节机构组成。电动执行机构内有伺服系统无需另配伺服放大器有输入信号及电源即可控制运转，连线简单。调节机构有合流和分流两种作用方式，在某些场合可以替代两个二通阀和一个三通接管而得到广泛应用。常用于热交换降的两相调节及简单的配比调节。

7MAQ、7MAX pneumatic diaphragm three-way regulating valve has two kinds of action modes, confluence more and diverting mode Valve element structure adopts circular bar report side guide for valve element is also adopted. Three-way valve can replace two two-way valves and one three-way connection pipe on some occasions, thus being widely applicable. It is usually used for simple proportioning regulation. ZDL0、ZDLX electronic type electric three-way regulating valve consists of 3810 series electronic type electric actuating mechanism and three-way regulating mechanism. Electric actuating mechanism has servo system inside requiring no extra servo amplifier. Input signal and electric source can control operation and wiring is simple. Regulating mechanism has two kinds of action modes, confluence mode and diverting mode, Three-way valve can replace two two-way valves and one three-way connection pipe on some occasions, thus being widely applicable. It is usually used for heat exchanger two-phase regulation and simple proportioning regulation.



气动中温型三通调节阀
Pneumatic medium temperature type three-way regulating valve



气动常温型三通调节阀
Pneumatic normal temperature type three-way regulating valve



电子常温型三通调节阀
Electronic normal temperature type three-way regulating valve



电子中温型三通调节阀
Electronic medium temperature type three-way regulating valve

主要技术参数和性能指标 Main technical parameters and performance indexes

1. 调节阀机构主要技术参数 Main technical parameters regulating mechanism

公称通径 DN(mm)	合流 Confluence	25	32	40	50	65	80	100	125	150	200	250	300	
	分流 Diverting						80	100	125	150	200	250	300	
阀座通径mm Seat diameter		26	32	40	50	66	80	100	125	150	200	250	300	
额定流量系数 Rated flow coefficient KV	合流 Confluence	8.5	13	21	34	53	85	135	210	340	535	800	1260	
	分流 Diverting	8.5	13	21	34	53	85	135	210	340	535	800	1260	
公称压力PN(MPa)		1.6,4.0,6.4												
额定行程 L(mm) Rated travel		16		25			40			60			100	
配电动执行机构型号 Attached with electric actuating mechanism models		381LSA-20 381LXA-20		381LSB-30 381LXB-30		381LSB-50 381LXB-50		381LSC-65			381LSC-99			
流量特性 flow characteristic		直线 Straight line												
可调比 adjustable ratio		30:1												
法兰尺寸 Flange dimensions		铸钛法兰按B78-59，铸钢法兰按JB79-59 Refer to B78-59 for titanium-casting flange. Refer to JB79-59 for steel-casting flange												
法兰形式 Flange type		For flange seal surface type JB77-59												
阀体材质 Body Material		WCB(ZG230-450), ZG1Cr18Ni9Ti												

ZAZ_XQ 电动三通合流、分流调节阀

Electric Three-way Confluence, diverting Regulating Valve

概述 overview

ZAZO、ZAZX型电动三通合流、分流调节阀采用圆筒型荡壁窗口形阀式导向。配用DK7型直行程电动执行机构，接受0~10或4~20mA，DO信号驱动液门启闭。其中三能合流调节阀用于将两种流体混合成第三种流体，或不同温度的同种流体，混合成同一温度流体。三通分流阀将一种流体分成两种流体。

本系列产品公称通径由20mm至300mm，公称压力有1.6、4.0、6.4MPa、适用流体温度由于60°C到450°C，控制信号为0~10或4~20mA.DC,泄漏量标准为V级和VI级,流量特性有直线、抛物线两种。配用不同的阀盖可分为普通型和散热型两种。

AZQ、ZAZXelectricthree-wayconfluence diverting regulating valve adopts tubular type thin wallwindow-shaped valve elementquiding, and is installed with DKZ straight travel electric actuatingmechanismwhich receives0~10or4~20mADC signal to realize opening and closing of valve.Three-way confluenceregulating valve is used to mix two kinds of fluid into the third fluid, or mix same fluid of differenttemperature into fluid of same temperature. Three-way diverting valve diverts one fluid into two fluids

Insidenominadiameter ofthis series product ranges from 20mm to 300mm. Nominal pressure includes1.6、4.0、6.4MPa.Applicablefluid temperature ranges from 60C to 450C. Control signal is0~10or4~20mA.DCLeakage rate standards are IV class and VI class. Flow characteristic includes straightline andparabola This series product is divided into common type and heat dissipation type.



V230Y02型自力式压力调节阀
V230Y02 type self-operated pressure regulating valve

主要零件材料 Material of main parts

阀体、阀盖 Valve body valve bonnet	阀芯、阀座 Valve element, valve seat	填料 Stuffing	垫片 Gasket	阀杆、推杆 Valve stem, pushrod	衬套 Sleeve
HT200、 ZG230~450、 3G1Cr18Ni9T	1Cr18Ni9Ti 司钛莱合金堆焊 Bead-welded stellite alloy	聚四氟乙烯、 不锈钢波纹管 PTFE, stainless steel corrugated pipe	橡胶石板、 1Cr18Ni9Ti 石墨缠绕垫片 Rubber asbestos plate 1Cr18Ni9Ti graphite-winding gasket	2Cr13、 1Cr18Ni9Ti	2Cr13

主要技术参数 Technical specification

公称通径DN(mm)	25	32	40	50	65	80	100	125	150	200	250	300		
额定流量系数 Rated flow coefficient KV	合流 Confluence		8.5	13	21	34	53	85	135	210	340	535	800	128
	分流 Diverting								85	135	210	340	535	800
额定行程 L(mm) Rated travel	16		16		40		60		100					
固有流量特性 Inherent flow characteristic	直线、抛物线 Straightline,Parabola													
工作温度 Operating temperature t(°C)	变通型Alternativetype:铸钛casttitanium:-20~200、铸钢 cast steel:-40~250、铸不锈钢cast stainless steel:-60~250 散热型Heatdissipationtype: 铸钢cast steel:-40~450、铸不锈钢 cast stainless steel:-60~450													
介质温度 Medium temperature t(°C)	200°C以下(对合流阀而言)Below 200°C (for confluence valve)													
固有可调比R Inherent adjustable ratio	30:1													
公称压力PN(MPa) Nominal pressure	-4 1.6、4.0、6.4 -3													
允许泄漏量 Allowable leakage rate	硬密封:IV级、软密封:VI级 Hard valve seat: IV class、 Soft valve seat:VIclass													
作用方式 Action mode	电开式、电关式 Electric opening type, electric closing type													
信号范围Pr(kPa) Signal range	0~10、4~20													
电源电压 Power supply voltage	200V、50Hz													

ZM^A_BN型气动薄膜双座调节阀 ZM^A_BP、AM^A_BN型气动薄膜单座调节阀

Pneumatic diaphragm double seat regulating valve
Pneumatic diaphragm single seat regulating valve

概述 overview

ZM^A_BN型气动薄膜双座调节阀是自动调节系统中最常见的执行器之一。广泛用于石油、化工、冶金、电站等工业部门，它和调节阀等其它仪表配合。控制气体、液体、蒸气等介质，使流量、压力、温度和液位等参数得到调节，从而实现生产过程自动化。

ZMAP、ZMBP系列气动薄膜直通单座调节阀是自动调节系统中最常用的执行器之一，它具有结构简单、动作可靠、泄漏最小及不会发生火灾爆炸等优点。ZMAN、ZMBN型气动薄膜调节阀采用双向结构，配用于多弹簧执行机构。具有结构紧凑、重量轻、动作灵敏、阀容量大、流量特性精确、拆装方便等优点。广泛应用于精确控制气体、液体、操作在给定值，特别适用于压差较大，允许泄漏量也较大且不是清洁的介质。

ZMBN type pneumatic diaphragm double-seat regulating valve is one of the most common actuators in automatic regulating system. It is widely applied to such industrial departments of oil, chemical engineering, metallurgy and power station etc. Combined with other meters like regulating valve, it is used to control and regulate flow rate, pressure, temperature and liquid level of gas, liquid and vapor etc. so as to realize automated production process. ZMAP, ZMBP series pneumatic diaphragm straight way single seat regulating valve is one of the most common actuators in automatic regulating system. It has such advantages as simple structure, reliable operation, minimum leakage and fire/explosion resistance. Adopt a bi-directional structure. ZMAN, ZMBN pneumatic diaphragm regulating valve is installed with multi-spring actuating mechanism, with such advantages as compact structure, light weight, motional sensibility, high capacity, accurate flow characteristic and easy disassembly/assembly. It is widely applicable to accurately controlling gas, liquid, especially suitable for unclean media with higher differential pressure and larger leakage rate.



ZM^A_BN型气动薄膜双座调节阀



气动薄膜单座调节阀

ZM^A_BN type pneumatic diaphragm double seat regulating valve
Pneumatic diaphragm single seat regulating valve

主要技术参数和性能指标 Main technical parameters and performance indexes

1、产品型号 Production mode

产品型号 Production mode	ZM ^A _B N-16 ^B _K 型Type	ZM ^A _B N-40 ^B _K 型Type	ZM ^A _B N-64 ^B _K 型Type	ZM ^A _B N-40G型Type	ZM ^A _B N-64型Type
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主要技术参数 Technical specification

公称通径DN(mm)	25	32	40	50	65	80	100	125	150	200	250	300
额定流量系数KV Rated flow coefficient	10	16	25	40	63	100	160	250	400	630	1000	1600
公称压力PN(MPa)	1.6、4.0、6.4(常温型 Normal temperature type) 4.0、6.4(中温型)											
行程 L(mm) travel L(mm)	16	25	40	60	100							
流量特性 flow characteristic	直线、等百分比 Straightline, equal percentage											
介质温度℃ Medium temperature °C	-15~+200、-40~+250(常温型) -40~+450(中温型 Medium temperature type)											
法兰尺寸 Flange dimension	铸钛法兰尺寸按JB78. 铸钢法兰尺寸按JB79 Refer to JB78 for titanium-castina flanae. Refer to JB79 for steel-casting flange											
法兰型式 Flange type	法兰密封面型式按JB77, 其中铸钛铁法兰按光滑式。铸钢法兰按凹式 Refer to JB77 for flanae sealina surface tvoe. refer to smooth type for itanium-casting iron fange. and refer to concave type for cast steel fange											
阀体材质 Body material	1.6	HT200										
PN(Mpa)	1.6	WCB, ZG1Cr18Ni9Ti										
6.4												
阀芯材质 Valve element material	1Cr18Ni9											
上阀盖型式 Upper valve bonnet type	普通式(常温型)、热片式(中温型) Common type (normal temperature), hot-strip type (medium temperature)											
可调比R Adjustable ratio	30:1											

主要技术参数和性能指标 Main technical parameters and performance indexes

型号 Mode	ZM ^A _B -2	ZM ^A _B -3	ZM ^A _B -4	ZM ^A _B -5	ZM ^A _B -6
有效面积 cm ² Effective area cm ²	280	400	630	1000	1600
行程 mm, Travel mm	16	25	40	60	100
弹簧范围 KPa Spring range Kpa	20~100、40~200、20~60、60~100、80~240				

ZAZ_N^P型电动直通单、双座调节阀

Electric Straight-way Single Seat/Double Seats Regulating Valve

概述 overview

ZAZP、ZAZN型电动直通单、双座调节阀是DKZ型电动单元组合仪表中的执行单元，它是生产自动调节系统中的重要环节之一。它以电源为动力接受统一的标准信号0~10或4~20mA.DC将此转为与输入信号相对应的上下位移，自动地操纵阀门，改变阀门的开启程度，从而达到对业介质流量、压力、温度和液位等参数的自动调节。因而广泛应用于化工、石油、冶金、电站轻纺等工业生产过程的自动调节和远程控制。本系列产品有标准型、波纹管密封型、夹套保温等多种品种。产品公称压力等级制有PN16、40、64；公称口径范围DN20~400mm。

As an execution unit in DKZ electric combined unit instrument, AZP、ZAZN electric straight way single seat/double seats regulating valve is one of the important links in automatic regulation system of production process. Driven by electric source, it receive unified standard signal 0~10 or 4~20mA. DC, which is changed into up-and-down displacement corresponding to input signal to automatically control valve and change its opening degree so as to realize automatic regulation of parameters like flow rate, pressure, temperature and liquid level of industrial media. Therefore, it is widely applied to automatic regulation and remote control over industrial production process in chemical engineering, oil, metallurgy, power station and light textile etc.

This series products include many varieties such as standard types, corrugated pipe sealing types and jacketed thermal insulation types. Product nominal pressure rating includes PN16、40、64; Inside nominal diameter range is Dn20~400mm.



ZAZP单座阀
ZAZP Single seat valve

主要技术参数 Technical specification

公称口径DN(mm)	20	25	32	50	65	80	100	125	150	200	250	300	400	400	
额定流量系数 Rated flow coefficient KV	单座 Single seat	5	8	12	20	32	50	80	120	200	280	450	800	1200	1200
	双座 Double seat	10	16	25	40	63	100	160	250	400	630	1000	1600	2700	2700
额定行程 L(mm) Rated travel	10	16		25		40			60		100				
公称压力PN(MPa) Nominal pressure	1.6、4.0、6.4														
固有流量特性 Inherent flow characteristic	直线、等百分比 Straight line, equal percentage														
允许泄漏量 Allowable leakage rate	10^{-4} X阀额定容量(单座)、 10^{-3} X阀额定容量(双座) 10^{-4} X valve rated capacity (Single seat)、 10^{-3} valve rated capacity (double seats)														
工作温度 Operating temperature t(°C)	-20~200、-40~250、-40~450、60~450														
信号范围Pr(KPa) Signal range	0-10或4-20 0-10 or 4-20														
电源电压 Power supply voltage	220V、50Hz														
作用方式 Action mode	电开式、电关式 Electric opening type, electric closing type														

弹簧微启封闭式安全阀

Closed Spring Loaded Low Lift Type Safety Valve

系列 Series

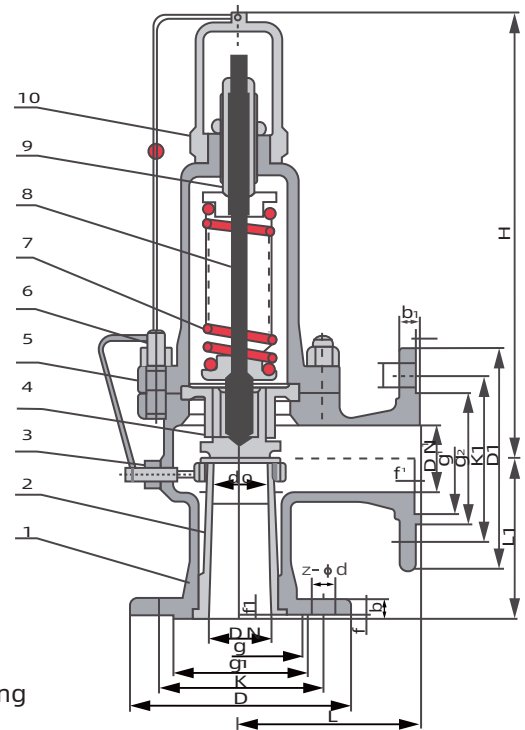
A41H-16C
A41H-25
A41H-40
A41Y-64
A41Y-100
KA41H-16C

A41H型适用于工作温度 $\leq 300^{\circ}\text{C}$ 的石油气、空气、水等介质的设备或管路上。A41Y-P/R型适用于工作温度 $\leq 200^{\circ}\text{C}$ 有腐蚀性介质的设备或管路上，作为超压保护装置。
连接法兰标准接JB/T-94/系列1。

A41H type are used for the equipment and pipeline of the petroleum gas, air, water etc medium what the working temperature are less than 300°C . A41Y-P/R type are used for the equipment and pipeline of the quality with corrode medium what the working temperature are less than 200°C . Take for extra pressure devices.
Flange connecting dimensions of comply with standard series one of JB/T-94.

A41H-16P
A41H-25P
A41H-40P
A41Y-64P
A41Y-100P
KA41H-16P

A41H-16R
A41H-25R
A41H-40R
A41Y-64R
A41Y-100R
KA41H-16R



A41H

结构图 Structural drawing

主要零部件材料 Materials for main parts

NO.	零件名称 Name of part	A41H-C/KA41Y-C 材料 Materials	A41H-C/KA41Y-P 材料 Materials	A41H-C/KA41Y-R 材料 Materials
1	阀体 Body	WCB	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti
2	阀座 Nozzle	ZG2Cr13/1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti
3	调节圈 Adjusting ring	ZG2Cr13/1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti
4	阀瓣 Disc	2Cr13/1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti
5	导向套 Guide sleeve	ZG2Cr13/1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti
6	阀盖 Bonnet	ZG230-450	ZG230-450	ZG230-450
7	弹簧 Spring	50CrVA	50CrVA包覆氟塑料 Coated Teflon	50CrVA包覆氟塑料 Coated Teflon
8	阀杆 Stem	2Cr13	2Cr13	ZG1Cr18Ni12Mo2Ti
9	调整螺杆 Adjusting bolt	45	2Cr13	2Cr13
10	保护罩 Cap	ZG200-400	ZG200-400	ZG200-400
	密封面材料 Sealing surface of material	堆焊 D507	堆焊Co基硬质合金 Depositing stellite	

带扳手弹簧微启式安全阀

Spring Loaded Low Lift Type With Lever Safety Valve

系列 Series

A41H-16C

A41H-25

A41H-40

A41Y-64

A41Y-100

KA41H-16C

本阀门适用于工作温度 $\leq 350^{\circ}\text{C}$ 的蒸汽、空气等介质的设备或管路上。作为超压保护装置。连接法兰标准按 JB/T-94/系列1。

This safety valve are used for the equipment and pipeline of the steam, air etc medium what the working temperature are less than 350°C . Take for the extra pressure protection devices. Flange connecting dimensions of A41Y-100 comply with standard series one of JB/T-94.

A41H-16P

A41H-25P

A41H-40P

A41Y-64P

A41Y-100P

KA41H-16P

A41H-16R

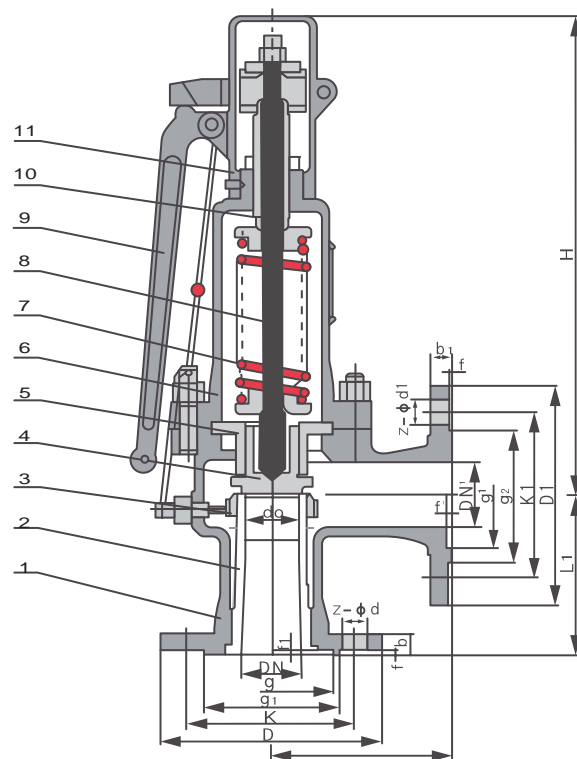
A41H-25R

A41H-40R

A41Y-64R

A41Y-100R

KA41H-16R



主要零部件材料 Materials for main parts

NO.	零件名称 Name of part	材料 Materials
1	阀体 Body	WCB
2	阀座 Nozzle	ZG2Cr13
3	调节圈 Adjusting ring	ZG2Cr13
4	阀瓣 Disc	2Cr13
5	导向套 Guide sleeve	ZG2Cr13
6	阀盖 Bonnet	ZG230-450
7	弹簧 Spring	50CrVA
8	阀杆 Stem	2Cr13
9	扳手 Lever	ZG230-450
10	调整螺杆 Adjusting bolt	45
11	保护罩 Cap	ZG200-400
	密封面材料 Sealing surface of material	"H" 型堆焊D507, "Y" 堆焊Co基硬质合金 "H" type Depositing D507, "Y" type Depositing stellite

弹簧全启式封闭式安全阀

Closed Spring Loaded Full Bore Type Safety Valve

系列 Series

A42Y-16C
A42Y-16P
A42Y-16R
KA42Y-16
DA42Y-16C(P)
A42Y-25
A42Y-25P
A42Y-25R
KA42Y-25(P)
DA42Y-25(P)

A42Y-C型适用于工作温度 $\leq 300^{\circ}\text{C}$ 空气、石油气、液体等介质的设备或管路上。A42Y-P型及A42Y-R型适用于工作温度 $\leq 200^{\circ}\text{C}$ 有腐蚀性介质的设备或管路上，作为超压保护装置。
连接法兰标准按JB/T-94/系列1。 $\geq 6.4\text{MPa}$ 按JB/T-94系列2。

A42Y-C type are used for the equipment and pipeline of the air, petroleum gas, liquid etc medium what the working temperature are less than 300°C .

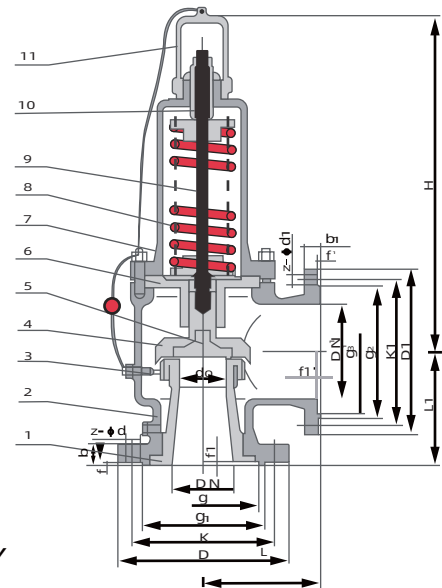
A42Y-P type and A42Y-R type are used for the equipment and pipeline of the quality with corrode medium what the working temperature are less than 200°C . Take for extra pressure protection devices.

Flange connecting dimensions of comply with standard series one of JB/T-94, Comply with Standard series two of JB/T-94 when more than 6.4MPa.

A42Y-40
A42Y-40P
A42Y-40R
KA42Y-40
DA42Y-40(P)

A42Y-64
A42Y-64P
A42Y-64R
KA42Y-64
DA42Y-64(P)

A42Y-100
A42Y-100P
A42Y-100R
KA42Y-100
DA42Y-100(P)



A42Y

结构图 Structural drawing

主要零部件材料 Materials for main parts

NO.	零件名称 Name of part	A42Y-C/KA42Y-C 材料Materials	A42Y-P/KA42Y-P 材料Materials	A42Y-R 材料Materials	DA42Y-P 材料Materials
1	阀体Body	2Cr13/1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni9Ti
2	阀座Nozzle	WCB	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti	LCB/ZG1Cr18Ni9Ti
3	调节圈 Adjusting ring	2Cr13/1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	1Cr18Ni9Ti
4	反冲盘Disc holder	2Cr13/1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	1Cr18Ni9Ti
5	阀瓣 Disc	2Cr13/1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	Z1Cr18Ni9Ti
6	导向套Guide sleeve	2Cr13/1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	1Cr18Ni9Ti
7	阀盖Bonnet	ZG230-450	ZG230-450	ZG230-450	ZG1Cr18Ni9Ti
8	弹簧Spring	50CrVA	50CrVA包覆氟塑料Coated Teflon	50CrVA包覆氟塑料Coated Teflon	50CrVA
9	阀杆Stem	2Cr13	1Cr18Ni9Ti/1Cr18Ni12Mo2Ti	1Cr18Ni9Ti/1Cr18Ni12Mo2Ti	1Cr18Ni9Ti
10	调整螺杆Adjusting bolt	45	2Cr13	2Cr13	2Cr13
11	保护罩Cap	ZG200-400	ZG200-400	ZG200-400	ZG230-450
	密封面材料 Sealing surface of material	堆焊Co基硬质合金 Depositing stellite			

带把手弹簧全启式安全阀

Closed Spring Loaded Full Bore Type Safety Valve

系列 Series

A48Y-16C

A48Y-25

A48Y-40

A48Y-64

A48Y-100

A44Y-16C

A44Y-25

A44Y-40

A44Y-64

A44Y-100

A44Y-16P

A44Y-25P

A44Y-40P

A44Y-64P

A44Y-100P

A44Y-16R

A44Y-25R

A44Y-40R

A44Y-64R

A44Y-100R

A48Y型适用于工作温度 $\leq 350^{\circ}\text{C}$ 的蒸汽、空气等介质的设备和管路上。

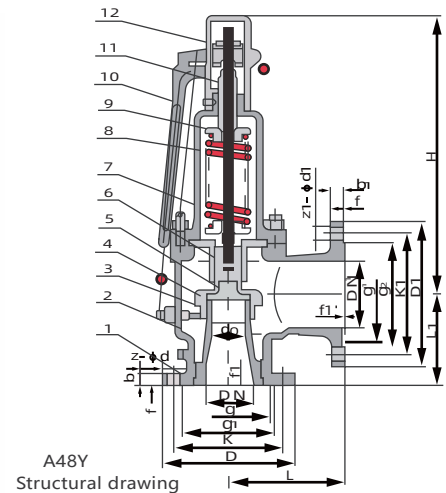
A44Y适用于工作温度 $\leq 300^{\circ}\text{C}$ 的空气、石油等介质的设备或管路上，作为超压保护装置。

连接法兰标准PN < 6.4 MPa按JB/T-94系列1。PN ≥ 6.4 MPa按JB/T-94系列2标准。

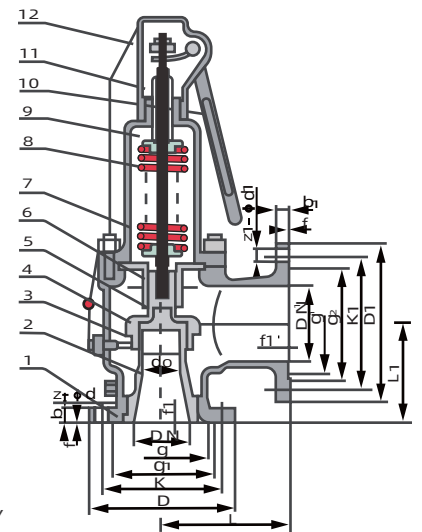
A48Y type are used for the equipment and pipeline of the with steam and air etc medium what the working temperature are less than 350°C .

A44Y type are used for the with air and petroleum gas medium what the working temperature are less than 300°C , Take for extra pressure protection devices.

Flange connecting dimensions of comply with standard series first of JB/T- when the pressure less than 6.4MPa , comply with standard series two of JB/T-94 when more than 6.4MPa .



A48Y Structural drawing



A44Y 结构图 Structural drawing

主要零部件材料 Materials for main parts

NO.	零件名称 Name of part	A48Y-C A44Y-C	材料 Materials	A44Y-P	材料 Materials	A44Y-R	材料 Materials
1	阀体 Body		WCB		ZG1Cr18Ni9Ti		CF8M
2	阀座 Nozzle		2Cr13		1Cr18Ni9Ti		316
3	调节圈 Adjusting ring		ZG2Cr13		ZG1Cr18Ni9Ti		0Cr18Ni12Mo2Ti
4	反冲盘 Disc holder		ZG2Cr13		ZG1Cr18Ni9Ti		316
5	阀瓣 Disc		2Cr13		1Cr18Ni9Ti		316
6	导向套 Guide sleeve		2Cr13		1Cr18Ni9Ti		0Cr18Ni12Mo2Ti
7	阀盖 Bonnet		ZG230-450		ZG230-450		ZG230-450
8	弹簧 Spring		50CrVA		50CrVA包覆氟塑料 Coated Teflon		50CrVA包覆氟塑料 Coated Teflon
9	阀杆 Stem		2Cr13		1Cr18Ni9Ti		1Cr18Ni12Mo2Ti
10	扳手 Lever		ZG200-400		ZG200-400		ZG200-400
11	调整螺杆 Adjusting bolt		45		2Cr13		2Cr13
12	保护罩 Cap		ZG200-400		ZG200-400		316
	密封面材料 Sealing surface of material				堆焊Co基硬质合金 Depositing stellite		

球阀的型号编制方法

Model Compilation Method Of Ball Valve



注:

- (1) 手轮、手柄和板手传动省略第二单元代号。对于第二单元的气动或液动常开用6K, 7K常闭式用6B, 7B表示, 气动带手动的用6S表示, 防爆电动用9B表示, 户外型用9R表示。
- (2) 第五单元阀座材料如用阀体直接加工的用“W”表示, 当相互接触的两个密封面材料不同时, 用低硬度材料代号表示。
- (3) 对于 \leq MPa的灰铸铁阀门和 $\text{PN} \geq 2.5$ MPa碳素钢阀门可以省略第七单元代号。
- (4) 对于第八单元 $\text{PN} \leq 4.0$ MPa的突面法兰, 可车制密纹水线, 密封面代号为RF (A)。
- (5) 如没特别说明, 球体及主要内件与阀体同材质。

例1: Q647Y-16P8

表示为球阀、气动、法兰连接、全通径固定式、密封材质为硬质合金、压力为1.6MPa、阀体材质CF8。

例2: Q341F-150Lb

表示为球阀、蜗轮传动、法兰连接、全通径浮动式、密封材质为聚四氟乙烯、压力等级为CLASS150、阀体材质为WCB。

金属硬密封浮动球阀

Metal Hard Seal Floating Ball Valve



Q41Y金属硬密封浮动球阀



- 1、阀杆孔
- 2、填料
- 3、填料压套
- 4、填料压板
- 5、螺钉
- 6、挡圈
- 7、定位片
- 8、扳手
- 9、挡圈
- 10、上密封垫
- 11、阀杆
- 12、阀座密封垫
- 13、阀座
- 14、球体
- 15、压圈
- 16、碟簧
- 17、垫片
- 18、阀盖
- 19、螺柱
- 20、螺母

金属硬密封浮动球阀典型结构及零部件组成

金属硬密封浮动球阀

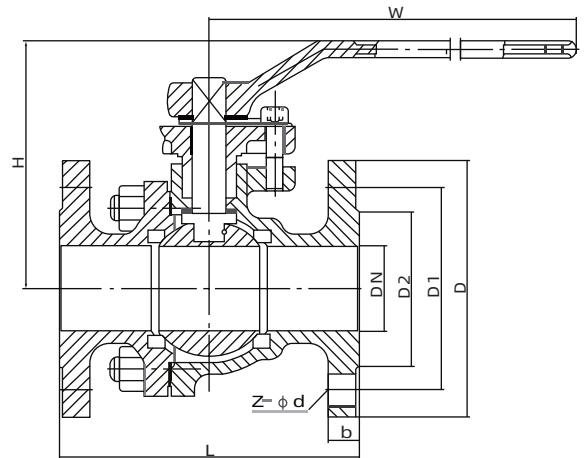
Metal Hard Seal Floating Ball Valve

Q41Y硬密封球阀主要连接尺寸(GB规格)

公称通径 DN(mm)	尺寸 (mm)							
	L	D	D1	D2	b-f	Z-φd	H	Do
Q41H/Y/F-16C/P/R								
15	130	95	65	45	14-2	4-14	60	108
20	140	105	75	55	14-2	4-14	64	120
25	150	115	85	65	16-2	4-14	90	165
32	165	135	100	78	18-2	4-18	105	180
40	180	145	110	85	16-3	4-18	150	240
50	200	160	125	100	16-3	4-18	190	240
65	220	180	145	120	18-3	4-18	195	320
80	250	195	160	135	20-3	8-18	215	350
100	280	215	180	155	20-3	8-18	250	400
125	320	245	210	185	22-3	8-18	280	500
150	360	280	240	210	24-3	8-23	320	600
200	400	335	295	265	26-3	12-23	370	800
Q41H/Y/F-25C/P/R								
15	130	95	65	45	14-2	4-14	60	108
20	140	105	75	55	14-2	4-14	64	120
25	150	115	85	65	16-2	4-14	90	165
32	165	135	100	78	18-2	4-18	105	180
40	180	145	110	85	16-3	4-18	160	240
50	200	160	125	100	20-3	4-18	205	270
65	220	180	145	120	22-3	8-18	210	350
80	250	195	160	135	22-3	8-18	230	400
100	280	230	190	160	24-3	8-23	270	500
125	320	270	220	188	28-3	8-25	300	600
150	360	300	250	218	30-3	8-25	340	900
200	400	360	310	278	34-3	12-25	400	1100
Q41H/Y/F-40C/P/R								
15	130	95	65	45	16-2	4-14	40	60
20	140	105	75	55	16-2	4-14	51	65
25	150	115	85	65	18-2	4-14	58	90
32	165	135	100	78	18-3	4-18	66	105
40	180	145	110	85	20-3	4-18	76	170
50	200	160	125	100	20-3	4-18	88	230
65	220	180	145	120	22-3	8-18	110	250
80	280	195	160	135	22-3	8-18	121	250
100	320	230	180	160	24-3	8-23	150	295
125	400	270	220	188	28-3	8-25	176	330
150	400	300	250	218	30-3	8-25	204	375
200	502	375	320	282	38-3	12-30	260	440
Q41H/Y/F-64C/P/R								
15	140	105	75	55	18-2	4-14	60	40
20	160	125	95	68	20-2	4-18	65	51
25	180	135	100	78	22-2	4-18	90	58
32	200	150	110	82	24-2	4-23	105	88
40	220	165	125	95	24-3	4-23	170	76
50	250	175	135	105	26-3	4-23	230	88
65	280	200	160	130	28-3	8-23	250	110
80	320	210	170	140	30-3	8-23	295	121
100	360	250	200	168	32-3	8-25	330	150
125	400	295	240	202	36-3	8-30	475	178
150	500	340	280	240	38-3	8-34	650	204
200	600	405	345	300	44-3	12-34	990	280

美标法兰球阀

API flange ball valve



标准

设计与制造按BS5351, ANSI B16.34

结构长度按ANSIB16.10

法兰链接尺寸按ANSIB16.5

压力温度额定值按ANSI B16.34

检验按AP1598

试验压力 Test Pressure

试验项目		壳体试验		密封试验		气密封试验	
介质		水				气	
单位		MPa	lbf/in ²	MPa	lbf/in ²	MPa	lbf/in ²
压力等级 (磅级)	150	3.1	450	7.6	315	0.5~0.7	60~100
	300	7.8	1125	5.6	815		
	400	10.3	1500	7.6	1100		
	600	15.3	2225	11.2	1630		
	900	23.1	3350	16.8	2440		

主要零件材料 Materials for Main Parts

名称	材料								
阀体	A216	A352	A217	A217	A217	A351	A351	A351	A351
阀盖	WCB	LCB	WC6	WC9	C5	CF8	CF8M	CF3	CF3M
球体	A182 F6			A 182 F304			A 182 F316	A 182 F304L	A 182 F316L
阀杆	A182 F6			A 182 F304			A 182 F316	A 182 F304L	A 182 F316L
手柄	KTH350-10								
螺栓	A193-B7A320-L7A193-B8								
螺母	A194-2HA194-7A194-8								

美标法兰球阀

API flange ball valve

主要连接尺寸 Main Connection Dimensions

型号规格Size(mm)		尺寸 Dimension(mm)							
Inch	DN	L	D	D1	D2	b	Z-Φd	H	W
Q41F/H/Y-150Lb Q341F/H/Y-150Lb Q641F/H/Y-150Lb									
1/2"	1/2"	108	90	60.3	34.9	11.6	4-16	68	115
3/4"	3/4"	117	100	69.9	42.9	13.2	4-16	75	130
1"	1"	127	110	79.4	50.8	14.7	4-16	85	150
1 1/4"	1 1/4"	140	115	88.9	63.5	16.3	4-16	96	190
1 1/2"	1 1/2"	165	125	98.4	73	17.9	4-16	107	230
2"	2"	178	150	120.7	92.1	19.5	4-19	118	240
2 1/2"	2 1/2"	190	180	139.7	104.8	22.7	4-19	145	280
3"	3"	203	190	152.4	127	24.3	4-19	160	310
4"	4"	229	230	190.5	157.2	24.3	4-19	185	330
5"	5"	356	255	215.9	185.7	24.3	8-22	230	600
6"	6"	394	280	241.3	215.9	25.9	8-22	260	800
8"	8"	457	345	298.5	269.9	29	8-22	310	1000
10"	10"	533	405	362	323.8	30.6	12-25	350	1200
Q41F/H/Y-300Lb Q341F/H/Y-300Lb Q641F/H/Y-300Lb									
1/2"	1/2"	140	95	66.7	34.9	14.7	4-16	72	115
3/4"	3/4"	152	115	82.6	42.9	16.3	4-19	75	130
1"	1"	165	125	88.9	50.8	17.9	4-19	85	150
1 1/4"	1 1/4"	178	135	98.4	63.5	19.5	4-19	95	190
1 1/2"	1 1/2"	190	155	114.3	73	21.1	4-22	110	230
2"	2"	216	165	127	92.1	22.7	8-19	120	240
2 1/2"	2 1/2"	241	190	149.2	104.8	25.9	8-22	120	280
3"	3"	283	210	168.3	127	29	8-22	160	310
4"	4"	305	255	200	157.2	32.2	8-22	165	330
5"	5"	381	280	235	185.7	35.4	8-22	190	600
6"	6"	403	320	269.9	215.9	37	12-22	270	800
8"	8"	503	380	330.2	269.9	41.7	12-25	315	1000
10"	10"	568	445	387.4	323.8	48.1	16-29	380	1200
Q41F/H/Y-600Lb Q341F/H/Y-600Lb Q641F/H/Y-600Lb									
1/2"	1/2"	165	95	66.7	34.9	16.3	4-16	88	115
3/4"	3/4"	190	115	82.6	42.9	17.9	4-19	98	130
1"	1"	216	125	88.9	50.8	19.5	4-19	105	150
1 1/2"	1 1/2"	241	155	114.3	73	24.3	4-22	195	180
2"	2"	292	165	127	92.1	27.4	8-19	155	240
3"	3"	356	210	168.3	127	33.8	8-22	175	280
4"	4"	432	275	215.9	157.2	40.1	8-25	210	330
6"	6"	559	355	292.1	215.9	49.7	12-29	340	800
8"	8"	660	420	349.2	269.9	57.6	12-32	400	1000
10"	10"	787	510	431.8	323.8	65.5	16-35	440	1200

美标固定球阀

API Fixed Ball Valve

应用规范

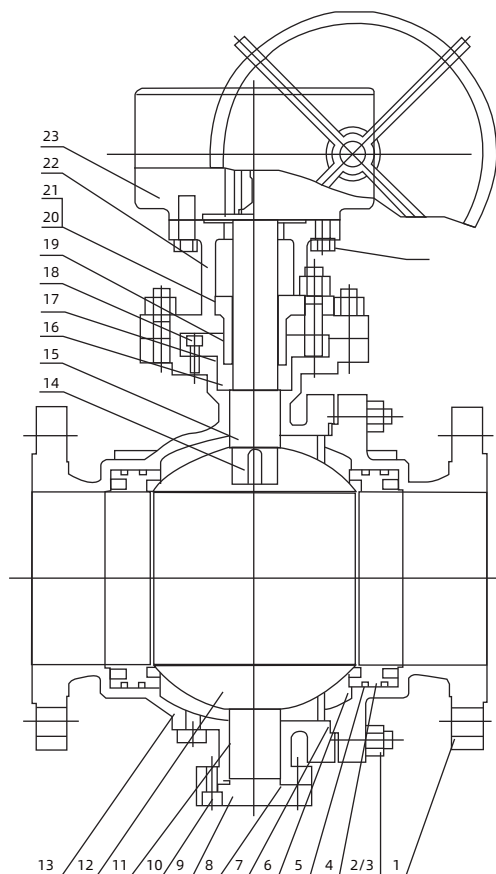
- 1、设计制造：铸钢球阀按照AOI 608、ASME B16.34、API 6D
- 2、验收和检验：API 598、API 6D
- 3、法兰连接尺寸：ASME B16.5 (NPS≤24) ASME B16.47 B系列/A系列、MSS SP-44(NPS > 24)
- 4、对焊端：ASME 16.25
- 5、承插焊端：ASME B16.11
- 6、结构长度：ASME B16.10
- 7、温压等级：ASME B16.34
- 8、防火安全：API607、API6FA

产品参数

- 1、主体材质：碳钢、不锈钢、合金钢
- 2、公称通径：NPS 2"~ NPS 36
- 3、压力范围：CL150~CL1500
- 4、工作温度：-29°C~+450°C
- 5、驱动方式：手动、蜗轮、电动、气动、液动
- 6、应用范围：可应用于自来水、污水、建筑、食品、电力、医药、冶金、轻纺、能源等流体管线上作切断或调节以及节流使用。

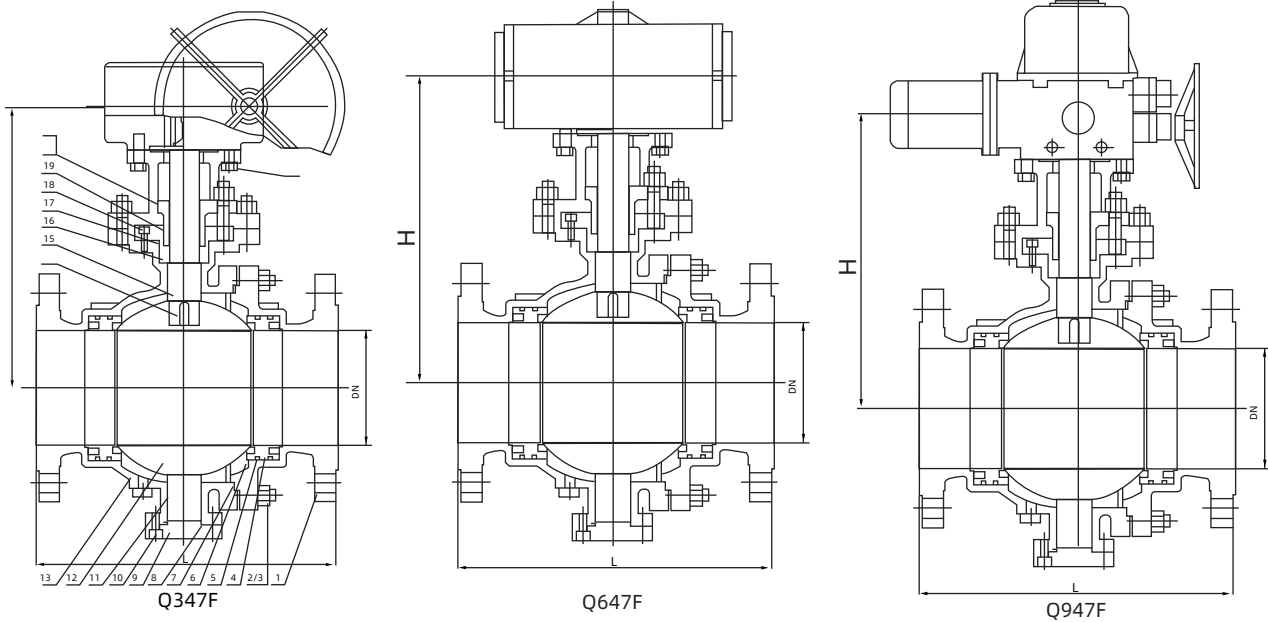
主要零件材质

序号	零件名称	材质	
		不锈钢	铸钢
1	阀盖	A351 CF8	A216WCB
2	螺栓	A193 BB	A193 B7
3	螺母	A194 8	A194 2H
4	阀座	A182 F304	ASTM A105
5	O型圈	NBR	NBR
6	密封圈	PTFE	PTFE
7	垫片	PTEF	PTFE
8	垫片	PTEF	PTFE
9	后盖	A182 F304	ASTM A105
10	螺钉	A193 B8	A193 B7
11	下阀杆	A182 F304	A182 F6a
12	球体	A182 F304	A182 F6a
13	阀体	A351CF8	A216 WCB
14	平键	A182 F304	A182 F6a
15	阀杆	A182 F304	A182 F6a
16	上盖	A351CF8	A216 WCB
17	垫片	PTEF	PTEF
18	螺钉	A193 B8	A193 B7
19	填料	PTFE	PTFE
20	填料压盖	A351CF8	A216 WCB
21	螺栓	A193 B8	A193 B7
22	支架	A216WCB	A126WCB
23	蜗轮	组合件	组合件
24	螺钉	A193 B7	A193 B7



金属硬密封固定球阀

Metal Hard Seal Fixed Ball Valve



主要尺寸数据

CLASS150Lb

NPS	in	2	2 1/2	3	4	6	8	10	12	14	16	18	20	24	26	28	30	32	36
	DN	mm	50	65	80	100	150	200	250	300	350	400	450	500	600	650	700	750	800
L (RF)	in	7.00	7.50	8.00	9.00	15.50	18.00	21.00	24.00	27.00	30.00	34.00	36.00	42.00	45.00	49.00	51.00	54.00	60.00
	mm	178	190	203	229	394	457	533	610	686	762	864	914	1067	1143	1245	1295	1372	1524
L1 (BW)	in	8.50	9.50	11.12	12.00	18.00	20.50	22.00	25.00	30.00	33.00	36.00	39.00	45.00	49.00	53.00	55.00	60.00	68.00
	mm	216	241	283	305	457	521	559	635	762	838	914	991	1143	1245	1346	1397	1524	1727
H	in	4.00	6.00	7.00	9.25	9.88	11.00	12.62	15.38	16.50	21.88	23.62	25.00	28.00	29.50	31.50	34.00	36.00	38.50
	mm	120	150	180	235	250	280	320	390	420	555	600	635	710	750	800	865	915	980
W	in	16	16	24	24	24	24	32	32	32	32	32	32	32	40	40	40	40	40
	mm	400	400	600	600	600	600	800	800	800	800	800	800	800	1000	1000	1000	1000	1000
WT (KG)	RF	28	35	55	80	190	290	445	570	780	1520	2300	2500	3950	4890	6300	7100	8950	13500
	BW	25	28	49	71	182	277	423	553	747	1481	2266	2466	3904	4939	6362	8149	9000	13570

CLASS300Lb

NPS	in	2	2 1/2	3	4	6	8	10	12	14	16	18	20	24	26	28	30	32	36
	DN	mm	50	65	80	100	150	200	250	300	350	400	450	500	600	650	700	750	800
L (RF)	in	8.50	9.50	11.12	12.00	15.88	19.75	22.38	25.50	30.00	30.00	36.00	39.00	45.00	49.00	53.00	55.00	60.00	-
	mm	216	241	283	305	403	502	568	648	762	838	914	991	1143	1245	1346	1397	1524	-
L1 (BW)	in	8.50	9.50	11.12	12.00	18.00	20.50	22.00	25.00	30.00	33.00	36.00	39.00	45.00	49.00	53.00	55.00	60.00	-
	mm	216	241	283	305	457	521	559	635	762	838	914	991	1143	1245	1346	1397	1524	-
H	in	4.00	6.00	7.00	9.25	9.88	11.00	12.62	15.38	16.50	21.88	23.62	25.00	28.00	29.50	31.50	34.00	36.00	-
	mm	120	150	180	235	250	280	320	390	420	555	600	635	710	750	800	865	915	-
W	in	16	16	24	24	24	24	32	32	32	32	32	32	32	40	40	40	40	-
	mm	400	400	600	600	600	600	800	800	800	800	800	800	800	1000	1000	1000	1000	-
WT (KG)	RF	30	40	60	90	200	325	490	690	990	1810	2620	2860	4430	5430	6810	7655	9590	-
	BW	24	31	49	72	169	280	424	598	872	1665	2440	2635	4075	4880	6225	7115	9230	-

弹簧微启封闭式安全阀

Closed Spring Loaded Low Lift Type Safety Valve

主要技术参数 Technical specification

CLASS600Lb

NPS	in	2	2 1/2	3	4	6	8	10	12	14	16	18	20	24	26	28
DN	mm	50	65	80	100	150	200	250	300	350	400	450	500	600	650	700
L (RF)	in	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	35.00	39.00	43.00	47.00	55.00	57.00	61.00
	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	1448	1549
L1 (BW)	in	11.62	13.12	14.12	17.12	22.12	26.12	31.12	33.12	35.12	39.12	43.12	47.25	55.38	57.50	61.50
	mm	295	333	359	435	562	664	791	841	892	994	1095	1200	1407	1461	1562
H	in	6.50	7.00	7.88	11.00	12.25	14.00	16.12	18.00	19.25	21.00	24.88	25.62	30.12	31.88	34.62
	mm	165	180	200	280	310	355	410	455	490	535	630	650	765	810	880
W	in	16	24	24	24	32	32	32	32	32	32	40	40	40	40	40
	mm	400	600	600	600	800	800	800	800	800	800	1000	1000	1000	1000	1000
WT (KG)	RF	34	53	65	125	245	505	640	910	1380	2250	3400	3850	4900	6700	8300
	BW	27	43	49	95	188	418	495	740	1185	1960	3050	3406	4275	6025	7590

CLASS900Lb

NPS	in	2	2 1/2	3	4	6	8	10	12	14	16	18	20	24
DN	mm	50	65	80	100	150	200	250	300	350	400	450	500	600
L (RF)	in	14.50	16.50	15.00	18.00	24.00	29.00	33.00	38.00	40.50	44.50	48.00	52.00	61.00
	mm	368	419	381	457	610	737	838	965	1029	1130	1219	1321	1549
L1 (BW)	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12	40.88	44.88	48.50	52.50	61.75
	mm	371	422	384	460	613	740	841	968	1038	1140	1232	1334	1568
H	in	6.72	7.50	8.25	11.38	12.62	15.38	17.00	18.50	20.88	24.00	26.00	27.50	30.75
	mm	170	190	210	290	320	390	430	470	530	610	660	700	780
W	in	24	24	24	32	32	32	32	32	32	40	40	40	40
	mm	600	600	600	800	800	800	800	800	800	1000	1000	1000	1000
WT (KG)	RF	45	65	73	135	360	650	930	1350	1890	3100	4300	4950	100
	BW	37	53	56	98	291	545	760	1145	1650	2750	3875	4410	6485

CLASS1500Lb

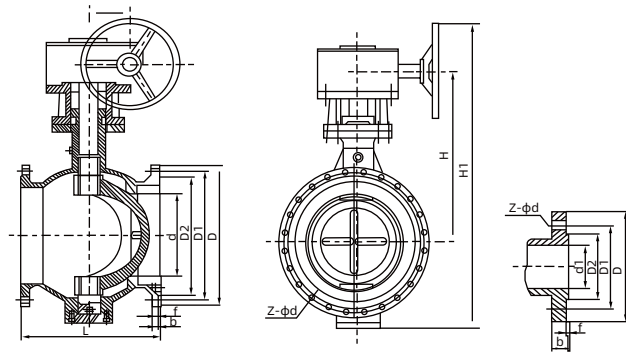
NPS	in	2	2 1/2	3	4	6	8	10	12	14	16
DN	mm	50	65	80	100	150	200	250	300	350	400
L (RF)	in	14.50	16.50	18.50	21.50	27.75	32.75	39.00	44.50	49.50	54.50
	mm	368	419	470	546	705	832	991	1130	1257	1384
L1 (BW)	in	14.62	16.62	18.62	21.62	28.00	33.12	39.38	45.12	50.25	55.38
	mm	371	422	473	549	711	841	1000	1146	1276	1407
H	in	6.75	7.50	8.25	11.38	13.00	15.75	17.38	22.00	25.25	27.12
	mm	170	190	210	290	330	400	440	560	640	69
W	in	24	24	32	32	32	32	32	40	40	40
	mm	600	600	800	800	800	800	800	1000	1000	1000
WT (KG)	RF	55	75	95	150	540	880	1360	1980	3100	4650
	BW	40	55	65	115	420	865	1025	1555	2600	3930

CLASS2500Lb

NPS	in	2	2 1/2	3	4	6	8	10	12	14	16
DN	mm	50	65	80	100	150	200	250	300	350	40
L (RF)	in	17.75	20.00	22.75	26.50	36.00	40.25	50.00	56.00	-	-
	mm	451	508	578	673	914	1022	1270	1422	-	-
L1 (BW)	in	17.88	21.25	23.00	26.88	36.50	40.88	50.88	56.88	-	-
	mm	454	540	584	683	927	1038	1292	1445	-	-
H	in	7.50	9.00	11.00	14.12	15.75	18.88	20.50	26.38	-	-
	mm	190	230	280	36	400	480	520	670	-	-
W	in	24	32	32	32	32	40	40	40	-	-
	mm	600	800	800	800	800	1000	1000	1000	-	-
WT (KG)	RF	68	95	120	185	675	1100	1650	2300	-	-
	BW	54	74	91	122	555	918	1355	2950	-	-

偏心半球阀

Eccentric Hemisphere Valve

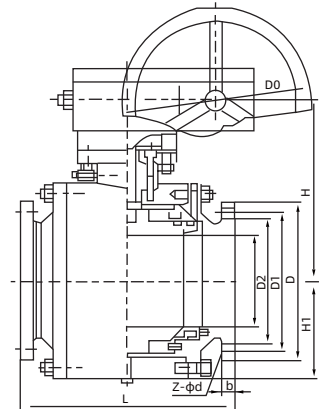
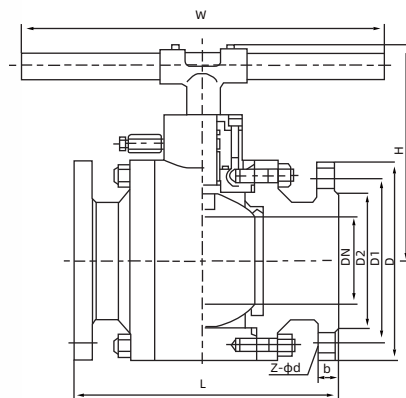


主要外形和连接尺寸

公称压力 PN (MPa)	公称通径DN		尺寸 Dimension(mm)								
			L		D	D1	D2	D6	b	f	Z-Φd
			法兰								
mm	in										
H PQ640Y-1.0P C F R	40	-	165	145	110	85	-	16	3	4-18	
	50	-	178	160	125	100	-	16	3	4-18	
	65	-	190	180	145	120	-	18	3	4-18	
	80	-	203	195	160	135	-	20	3	4-18	
	100	-	229	215	180	155	-	20	3	8-18	
	125	-	254	245	210	185	-	22	3	8-18	
	150	-	267	280	240	210	-	24	3	8-23	
	200	-	292	335	295	265	-	24	3	8-23	
	250	-	330	390	350	320	-	26	3	12-23	
	300	-	356	440	400	368	-	26	4	12-23	
	350	-	381	500	460	428	-	28	4	16-23	
	400	-	430	565	515	482	-	28	4	16-25	
	450	-	502	615	565	532	-	30	4	20-25	
	500	-	550	670	620	585	-	30	4	20-25	
	600	-	660	780	725	685	-	34	5	20-30	
	700	-	770	895	840	800	-	38	5	24-30	
	800	-	880	1010	950	905	-	42	5	24-34	
	900	-	1000	1115	1050	1005	-	38	5	28-33	
1000	-	1100	1230	1160	1080	-	38	5	28-36		
1200	-	1300	1455	1380	1292	-	44	5	28-39		
H PQ640Y-1.6P C F R	40	-	165	145	110	85	-	16	3	4-18	
	50	-	178	160	125	100	-	16	3	4-18	
	65	-	190	180	145	120	-	18	3	4-18	
	80	-	203	195	160	135	-	20	3	8-18	
	100	-	229	215	180	155	-	20	3	8-18	
	125	-	254	245	210	185	-	22	3	8-18	
	150	-	267	280	240	210	-	24	3	8-23	
	200	-	292	335	295	265	-	26	3	12-23	
	250	-	330	405	350	320	-	30	3	12-25	
	300	-	356	460	410	375	-	30	4	12-25	
	350	-	381	520	470	435	-	34	4	16-23	
	400	-	430	580	525	485	-	36	4	16-30	
	450	-	502	640	585	545	-	40	4	20-30	
	500	-	550	705	650	608	-	44	4	20-34	
	600	-	660	840	770	718	-	48	5	20-41	
	700	-	770	910	840	788	-	50	5	24-41	
	800	-	880	1020	950	898	-	52	5	24-41	
	900	-	1000	1120	1050	998	-	44	5	28-39	
1000	-	1100	1255	1170	1110	-	46	5	28-42		
1200	-	1300	1485	1390	1325	-	52	5	32-48		

锻钢固定式球阀

Forged Steel Fixed Ball Valve



应用规范

- 1、设计、制造按GB/T12238-89 3、连接法兰:JB9113-88
2、结构长度按GB/T12221-89 4、阀门检查和试验按GB/T13927-92

主要外形和连接尺寸

公称通径 DN(mm)	尺寸 (mm)								
	L	D	D1	D2	b	Z-φd	H	H1	Do
PN1.6MPa									
50	220	160	125	100	16	4-φ14	160	85	-
65	241	180	145	120	18	4-φ18	170	95	-
80	283	195	160	135	20	8-φ18	200	110	-
100	305	215	180	155	20	8-φ18	210	120	-
125	356	245	210	185	22	8-φ18	350	215	-
150	394	280	240	210	24	8-φ23	530	190	-
200	457	335	295	265	26	12-φ23	575	230	230
250	533	405	355	320	30	12-φ25	585	260	600
300	610	460	410	375	30	12-φ25	730	300	600
350	686	520	470	435	34	16-φ25	860	350	800
400	762	580	525	485	36	16-φ30	935	395	800
450	864	640	585	545	40	20-φ30	975	440	800
500	914	705	650	608	44	20-φ34	1060	485	800
600	1067	840	770	718	48	20-φ41	1170	591	800
700	1245	910	840	788	50	24-φ41	1270	686	800

公称通径 DN(mm)	尺寸 (mm)								
	L	D	D1	D2	b	Z-φd	H	H1	Do
PN2.5MPa									
50	220	160	125	100	20	4-φ14	160	85	-
65	241	180	145	120	22	8-φ18	170	95	-
80	283	195	160	135	22	8-φ18	200	110	-
100	305	230	190	160	24	8-φ23	210	120	-
125	381	270	220	188	28	8-φ25	350	215	-
150	403	300	250	218	30	8-φ25	550	190	-
200	502	360	310	278	34	12-φ25	575	230	600
250	568	425	370	332	36	12-φ30	585	260	600
300	648	485	430	390	40	12-φ30	730	300	600
350	762	550	490	448	44	16-φ34	860	350	800
400	838	610	550	505	48	16-φ34	935	395	800
450	864	660	600	555	50	20-φ34	975	440	800
500	991	730	660	610	52	20-φ41	1060	48	800
600	1067	840	770	718	56	20-φ41	1170	591	800
700	1245	955	875	815	60	24-φ48	1270	686	800

锻钢固定式球阀

Forged Steel Fixed Ball Valve

主要外形和连接尺寸

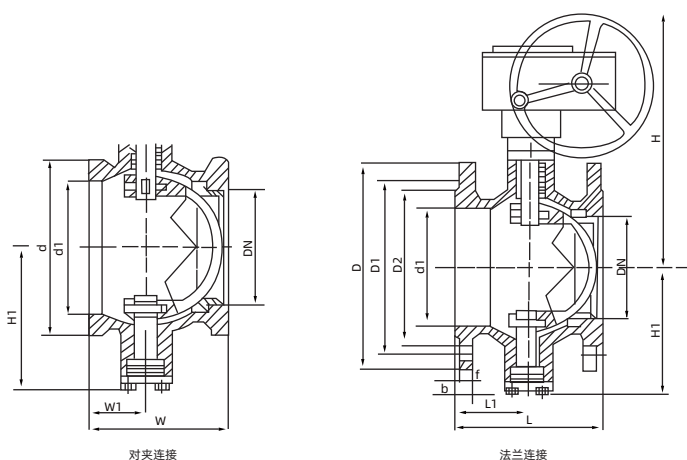
公称通径 DN(mm)	尺寸 (mm)									
	L	D	D1	D2	D6	b	Z-φd	H	H1	Do
PN4.0MPa										
50	220	160	125	100	88	20	4-φ18	160	85	-
65	241	180	145	120	110	22	8-φ18	170	95	-
80	283	195	160	135	121	22	8-φ18	200	110	-
100	305	230	190	160	150	24	8-φ23	210	120	-
125	381	270	220	188	176	28	8-φ25	350	215	-
150	403	300	250	218	204	30	8-φ25	530	190	-
200	502	375	320	282	260	38	12-φ30	575	230	600
250	568	445	385	345	313	42	12-φ34	585	260	600
300	648	510	450	408	364	46	16-φ34	730	300	600
350	762	570	510	465	422	52	16-φ34	860	350	800
400	838	655	585	535	474	58	16-φ41	935	395	800
450	914	680	610	560	524	60	20-φ41	975	440	800
500	991	755	670	612	576	62	20-φ48	1060	485	800
600	1143	890	795	730	678	62	20-φ54	1170	591	800
700	1346	995	900	835	768	68	24-φ54	1270	686	800

公称通径 DN(mm)	尺寸 (mm)									
	L	D	D1	D2	D6	b	Z-φd	H	H1	Do
PN6.4MPa										
50	292	175	125	105	88	26	4-φ23	160	85	-
65	330	200	160	130	110	28	8-φ23	170	95	-
80	356	210	170	140	121	30	8-φ23	200	110	-
100	432	250	200	168	150	32	8-φ25	210	120	-
125	508	295	240	202	176	36	8-φ30	350	215	-
150	559	340	280	240	204	38	8-φ34	530	190	600
200	660	405	345	300	260	44	12-φ34	575	230	600
250	787	470	400	352	313	48	12-φ41	585	260	600
300	838	530	460	412	364	54	16-φ41	730	300	600
350	889	595	525	475	422	60	16-φ41	860	350	800
400	991	670	585	525	474	66	16-φ48	935	395	800
450	1092	670	630	570	524	70	20-φ48	975	440	800
500	1194	800	705	640	576	70	20-φ54	1060	485	800
600	1397	930	820	750	678	76	20-φ58	1170	591	800

公称通径 DN(mm)	尺寸 (mm)									
	L	D	D1	D2	D6	b	Z-φd	H	H1	Do
PN10.0MPa										
50	292	185	145	112	88	28	4-25	166	90	-
65	330	220	170	138	110	32	8-25	175	100	-
80	356	230	180	148	121	34	8-25	210	115	-
100	432	265	210	172	150	38	8-30	215	125	-
125	508	310	250	210	176	42	8-34	360	196	-
150	559	350	290	250	204	46	12-34	540	220	600
200	660	430	360	312	260	54	12-41	590	235	600
250	787	500	430	382	313	60	12-41	600	265	600
300	838	585	500	442	364	70	16-48	740	310	800
350	889	655	560	498	422	76	16-54	870	370	800
400	991	715	620	558	474	80	16-54	950	410	800
450	1094	770	675	615	524	84	20-58	990	460	800
500	1397	870	760	690	576	90	20-58	1100	495	20-34
600	1549	990	875	800	678	95	24-58	1200	600	20-41

V型调节球阀

Regulating Ball Valve



产品特点

采用圆柱型弹簧预载的带补偿性可动金属阀座结构，密封性能可靠。球芯—阀座不会产生卡阻或脱离。使用寿命长。球芯上的V形切口与金属阀座之间具有剪切作用，特别适用于高粘度、含纤维、固体颗粒及装料等介质。结构造纸工业的纸浆显得尤为优越。阀门的流量大、压力损失小、且介质不会沉积在阀体中空，阀门不仅具有近似等百分比的流量特性、可调范围大，最大可调比为100:1。还具有精确调节与可靠定位的功能。本阀系列可配置多种驱动装置。

产品性能规范

公称压力 PN(MPa)	试验压力(MPa)		适用介质	适用温度
	壳体试验	密封试验		
1.6	2.4	1.76	水、油、气及高粘度、含纤维固定颗粒等介质	-28°C~550°C
2.4	3.75	2.75		
4.0	6.0	4.4		
适用规范	连接法兰	JB79-59 GB20592-97 AMSI B16.5		
	试验和检验	JB/T 9092-99 API 598		

主要外形尺寸

公称压或压力级	公称通径DN		尺寸 Dimension(mm)							
	(mm)	in	W	L	W1	L1	d	d1	H1	H
PN1.6MPa	25	-	50	-	25	-	64	38	57	200
	40	-	60	-	25	-	82	49	63	205
	50	-	75	124	32	62	100	60	92	225
	65	-	85	145	38	72.5	120	75	100	235
	80	-	100	165	45	82.5	131	89	108	260
	100	-	115	194	50	97	158	113	117	270
	125	-	135	210	55	105	180	140	140	320
	150	-	160	229	65	114.5	216	164	177	340
	200	-	200	243	80	121.5	268	205	200	390
	250	-	240	297	92	148.5	326	259	252	420
PN2.5MPa	300	-	-	338	-	169	-	300	270	510
	25	-	50	-	25	-	64	38	57	200
	40	-	60	-	25	-	82	49	63	205
	50	-	75	124	32	62	100	60	92	225
	65	-	85	145	38	72.5	120	75	100	235
	80	-	100	165	45	82.5	131	89	108	260
	100	-	115	194	50	97	158	113	117	270
	125	-	135	210	55	105	180	140	140	320
	150	-	160	229	65	114.5	216	164	177	340
	200	-	200	243	80	121.5	268	205	200	390
CLASS 150	250	-	240	297	92	148.5	326	259	252	420
	300	-	-	338	-	169	-	300	270	510
	25	-	50	-	25	-	64	38	57	200
	40	1 1/2	60	-	25	-	82	49	63	205
	50	2	75	124	32	62	100	60	92	225
	65	2 1/2	85	145	38	72.5	120	75	100	235
	80	3	100	165	45	82.5	131	89	108	260
	100	4	115	194	50	97	158	113	117	270
	125	5	135	210	55	105	180	140	140	320
	150	6	160	229	65	114.5	216	164	177	340
200	8	200	243	80	121.5	268	205	200	390	
250	10	240	297	92	148.5	326	259	252	420	
300	12	-	338	-	169	-	300	270	510	

主要零件材质表

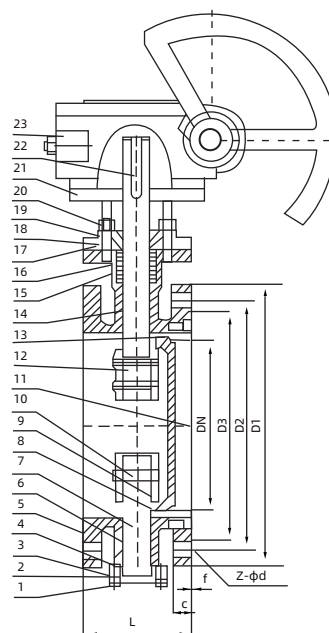
零件名称	材质	
阀体、阀盖	WCB	CF 8
密封圈	2Cr13+氧化	304+氧化
球体	2Cr13+硬铬	304+硬铬
阀座、阀杆	2Cr13	304
垫片	柔性石墨+不锈钢	柔性石墨+不锈钢
双头螺柱	35CrMoA	1Cr18Ni9Ti

旋球硬密封球阀

Rotary Ball Hard Seal Ball Valve

主要特点

- 1、不但能在正向压力中可靠地关断，在反向压力或反向压力远大于正向压力中同样能可靠地关断；
 - 2、在密封副的两个密封面上可根据不同的硬度需要运用太空等离子喷涂、以太激光溅射、真空保护渗透堆焊等先进工艺形成马氏体不锈钢、奥氏体不锈钢，硬质合金、金属陶瓷、人造金刚石等梯度功能材料；
 - 3、能自动对正中心【自适应】，并能自动越程补偿磨损；
 - 4、关闭时充分利用阀内介质的能量，自动加以极高密封比压，使高硬密封副达到可靠的零泄漏；
 - 5、瞬间关闭、瞬间打开密封副间无摩擦。打开时阀芯投影截面不断内缩并后退，打开初始时后退快于内缩。关闭时阀芯投影截面不断膨胀并前进，关闭初始时膨胀速率大于前进速率，关闭末期时前进速率大于膨胀速率。
- 具有偏心半球阀、截止阀、楔形闸阀的特点；
- 6、其主体结构类似蝶阀，具有蝶阀的结构短、体积小等特点，因而可制造大口径、特大口径、超大口径的阀门；
- 该阀门同时兼具蝶阀、半球阀、闸阀和截止阀的功能和优点，又有自身完全与众不同的强大功能和优点。体积小、重量轻、运输、安装、维护检修方便。运行可靠等一系列优点，成为阀门行业的一次重大的技术革命。



应用规范:

- 1、设计、制造按GB12237-89
- 2、结构长度按企业标准
- 3、连接法兰按JB/T79.1-94
JB/T79.2-94 JB/T82.1-94
- 4、阀门检查和试验按GB13927-89

XQ(3)47Y 旋球阀 主要连接尺寸

PN1.6MPa法兰尺寸 Flange Dimension

单位: mm

公称通径 DN(mm)	L(mm)		D1	D2	D3	C	f	Z-φd	Z-M
	短 Brief	长 Long							
50	108	150	160	125	100	16	3	4-18	4-16
65	112	170	180	145	120	18	3	4-18	4-16
80	114	180	195	160	135	20	3	8-18	8-16
100	127	190	215	180	155	20	3	8-18	8-16
125	140	200	245	210	185	22	3	8-18	8-16
150	140	210	280	240	210	24	3	8-23	8-20
200	152	230	335	295	265	26	3	12-23	12-20
250	165	250	405	355	320	30	3	12-25	12-22
300	178	270	460	410	375	30	4	12-25	12-22
350	190	290	520	470	435	34	4	16-25	16-22
400	216	310	580	525	485	36	4	16-30	16-27
450	222	330	640	585	545	40	4	20-30	20-27
500	229	350	705	650	608	44	4	20-34	20-30
600	267	390	840	770	718	48	5	20-41	20-36
700	292	430	910	840	788	50	5	24-41	24-36
800	318	470	1020	950	898	52	5	24-41	24-36

XQ(3)47Y 旋球阀 主要连接尺寸

PN2.5MPa法兰尺寸 Flange Dimension

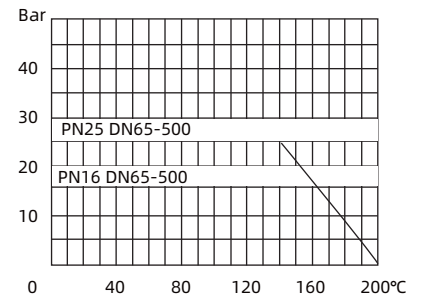
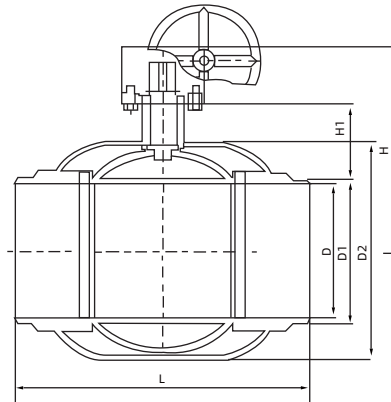
单位: mm

公称通径 DN(mm)	L(mm)		D1	D2	D3	C	f	Z-φd	Z-M
	短 Brief	长 Long							
50	108	150	160	125	100	20	3	4-18	4-16
65	112	170	180	145	120	22	3	8-18	8-16
80	114	180	195	160	135	22	3	8-18	8-16
100	127	190	230	190	160	24	3	8-23	8-20
125	140	200	270	220	188	28	3	8-25	8-22
150	140	210	300	250	218	30	3	8-25	8-22
200	152	230	360	310	278	34	3	12-25	12-22
250	165	250	425	370	332	36	3	12-30	12-27
300	178	270	485	430	390	40	4	16-30	16-27
350	190	290	550	490	448	44	4	16-34	16-30
400	216	310	610	550	505	48	4	16-34	16-30
450	222	330	660	600	555	50	4	20-34	20-30
500	229	350	730	660	610	52	4	20-41	20-36
600	267	390	840	770	718	56	5	20-41	20-36
700	292	430	955	875	818	60	5	24-48	24-42
800	318	470	1070	990	930	64	5	24-48	24-42

全口径焊接钢制球阀

Full Bore Welded Steel Ball Valve

PN16/25, DN65-500 全口径焊接钢制球阀



材料

图表/产品说明

适用范围

供暖系统、区域供热、工业用途、城市燃气

介质

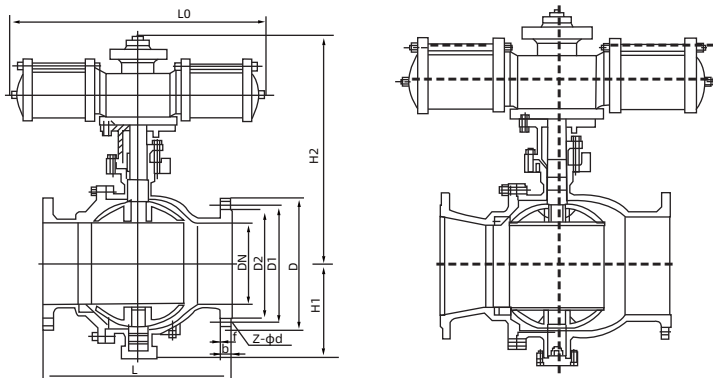
水，空气，油和其它不与碳钢发生化学反应的流体

主要连接尺寸

DN	PN	L	D	D1	D2	H	H1	重量kg
				A/B				
50	16/25	300	50	60.3/57	108	204	58	12.1
65	16/25	300	65	76.1/76	133	224	72	14.9
80	16/25	325	80	88.9/89	159	244	79	19.8
100	16/25	325	100	114.3/108	193.7	289	79	31.5
125	16/25	350	125	139.7/133	219.1	365	109	48
150	16/25	400	150	168.3/159	273	422	112	75.3
200	16/25	530	200	219.1/273	351	520	129	144
250	16/25	550	250	273.0/273	425	555	138	205
300	16/25	650	300	323.9/325	508	637	179	267
350	16/25	760	350	355.6/377	610	680	197	460
400	16/25	840	400	406.4/426	680	750	229	620
500	16/25	1020	500	508/530	812	820	245	1800

Q647MF/H卸灰固定球阀

Ash Discharge Fixed Ball Valve



应用规范

- 1.设计、制造按GB/T12237
- 2.结构长度按GB/T 12221
- 3.连接法兰按JB/T 79.1~79.4、GB/T 9113.1-9113.4
- 4.同门检查试验按GB/T 13927 GR/T 9092

缩径卸灰球阀的结构特点，除以前所述外，还具备以下特点：

- 1.重量相对较轻
 - 2.当介质由进口方向进入的时候，形成一种挤压的冲击力，介质由出口流通的时候，从而实现一种喷吹的效果。
- 备注：由我公司所改进的缩径卸灰球阀，比普通的卸灰阀耐高温、耐磨，具有高强度的优良性能。

主要外型及连接尺寸表

DN	L	D	D1	D2		b		f		Z-φd	H1	H2	L0	重量kg
				系列1	系列2	系列1	系列2	系列1	系列2					
200	500	320	280	254	258	258	258	2	3	8xφ17.5	255	730	812	300
250	600	375	335	309	312	312	312	2	3	12xφ17.5	310	800	812	370
300	700	440	395	363	365	365	365	2	4	12xφ22	370	852	812	440
350	800	490	445	413	415	415	415	2	4	12xφ22	440	920	812	770
400	900	540	495	463	465	465	465	2	4	16xφ22	490	1050	1020	880
500	1000	645	600	518	570	570	570	2	4	20xφ22	610	1100	1020	1100



上海市金山区卫清东路2229号

4008659598

www.ccsme.cn

上海晟江机械设备有限公司
SME INDUSTRIAL CO.,LTD