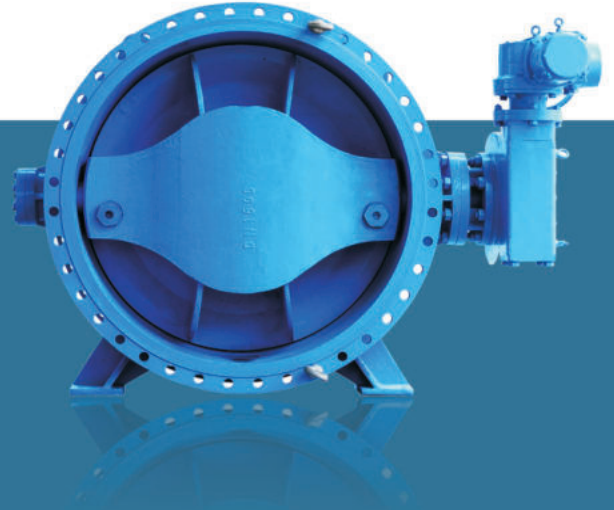


冠正 缔造完美品质...
Guanzheng Create Pperfect Quality...

蝶阀系列 >> BUTTERFLY VALVE SERIES



ISO9001认证企业 / 省高新技术企业

Email: Oversea@valvegz.com
Tel: 0086-13646585529



手动对夹蝶阀
Manual operation wafer
butterfly valve



蜗轮动凸耳对夹蝶阀
Worm gear actuator lug type
wafer butterfly valve



气动对夹蝶阀
Pneumatic actuator
wafer butterfly valve



电动对夹蝶阀
Electric actuator wafer
butterfly valve



手动法兰蝶阀
Manual operation flanged
butterfly valve



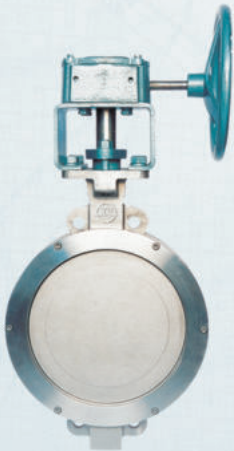
蜗轮动法兰蝶阀
Worm-gear actuator flanged
butterfly valve



气动法兰蝶阀
Pneumatic actuator flanged
butterfly valve



电动法兰蝶阀
Electric actuator flanged
butterfly valve



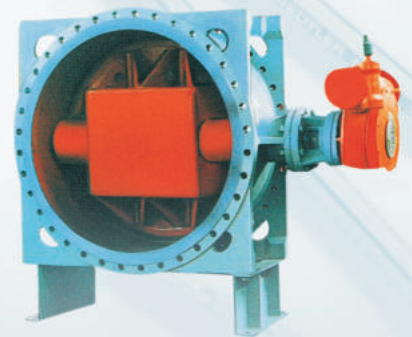
蜗轮动对夹蝶阀
Worm-gear actuator wafer
butterfly valve



蜗轮动对焊蝶阀
Worm-gear actuator butt
weld butterfly valve



轨道蝶阀
Track butterfly valve



大口径软密封法兰蝶阀
Big-bore rubber-seat flanged
butterfly valve



大口径蜗轮动法兰蝶阀
Big-bore worm gear actuator flanged butterfly valve



大口径衬F4法兰蝶阀
Big-bore PTFE lined flanged butterfly valve



蜗轮动高温调控蝶阀
Worm-gear actuator high-temperature regulation butterfly valve



气动高温调控蝶阀
Pneumatic actuator high-temperature regulation butterfly valve



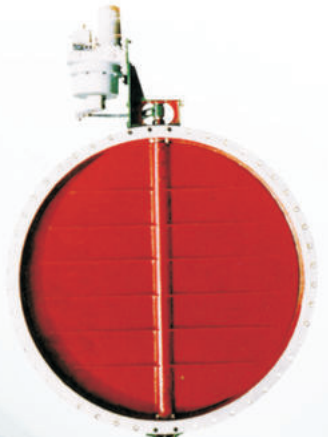
大口径电动法兰蝶阀
Big-bore electric actuator flanged butterfly valve



金属复合材料密封蝶阀
Metal compound seated butterfly valve



电动风道蝶阀
Electric actuator ventilated butterfly valve



电动调节蝶阀
Electric actuator adjusting butterfly valve



蜗轮动伸缩蝶阀
Worm-gear actuator flexible butterfly valve



伸缩器
Retractable device



圆形百叶式蝶阀
Spherical shutter butterfly valve



矩形百叶式蝶阀
Rectangle shutter butterfly valve



蝶阀型号编制方法 Model coding system of butterfly valve



GZ	D	1	2	3	4	5	6	7
冠正阀门 企业标志 Corporation logo of GUANZHENG group	蝶阀 代号 Code of butterfly valve	特征 代号 Code of character- istics	驱动方式 代号 Code of driving	连接形式 代号 Code of connection type	结构形式 代号 Code of structure type	密封面 材料代号 Code of sealing face material	公称 压力值 Code of nominal pressure	阀体材料 代号 Code of body material

特征代号 Code of characteristics

Y	H	G	L	S	B
弹性金属 密封蝶阀 Stretchy metal seated butterfly valve	金属复合材料 密封蝶阀 Compound metal material sealing butterfly valve	轨道金属 密封蝶阀 Track metal sealing butterfly valve	调节蝶阀 Adjusting butterfly valve	伸缩蝶阀 Flexible butterfly valve	百叶式调节蝶阀 Shutter type adjusting butterfly valve

驱动方式代号 Code of driving

驱动方式 Driving	手动 Manual operation	蜗轮-蜗杆传动 Worm-gear actuator	伞齿轮传动 Conical gear actuator	气动 Pneumatic actuator	电动 Electric actuator
代号 Code	省略 Omission	3	5	6	9

连接形式代号 Code of connection

连接形式 Connection type	法兰连接 Flange connection	焊接连接 Weld connection	对夹连接 Wafer connection
代号 Code	4	6	7

结构形式代号 Code of connection

结构形式 Structure type		代号 Code	结构形式 Structure		代号 Code
密封型 Type of sealing	中线式 Midline type	1	非密封型 Type of non-sealing	中线式 Midline type	6
	单偏心 Single eccentricity	2		单偏心 Single eccentricity	7
	双偏心 Double eccentricity	3		双偏心 Double eccentricity	8
	连杆偏心(变偏心) Connecting rod eccentricity(changing eccentricity)	4		连杆偏心(变偏心) Connecting rod eccentricity(changing eccentricity)	9

密封面材料代号 Code of sealing face material

密封面材料 Sealing face material	橡胶 Rubber	氟塑料 Fluorocarbon	合金钢 Alloy steel	本体不锈钢 Stainless steel body	硬质合金 Hard alloy
代号 Code	X	F	H	W	Y

公称压力值 Code of nominal pressure

1、用MPa的10倍值表示 It is expressed with a value of ten times of real pressure in MPa
2、用磅级表示 It is expressed with class standard values.

阀体材料代号 Code of body material

阀体材料 Body material	碳钢 Carbon steel	合金钢 Alloy steel	铬镍钛钢 Cr-Ni-Ti steel	铬镍钼钛钢 Cr-Ni-Mo-Ti steel
代号 Code	C	I	P	R



弹性金属密封蝶阀 Stretchy metal seated butterfly valve

概述

弹性金属密封蝶阀是我公司研制的国家级重点新产品，获国家专利，选材获得1999年硫酸工业孙师白三等奖(专利号 ZL 95 2 03441.7)。高性能的弹性金属密封蝶阀采用了一个双偏心和—个特殊斜锥椭圆密封结构。解决了传统偏心蝶阀在启闭0°—10° 瞬间密封面仍处于滑动接触摩擦的弊病，实现蝶板在开启瞬间密封面即分离，关闭接触即密封的效果，达到延长使用寿命、密封性能最佳的目的。

用途

用于硫酸行业中气体管路：炉前鼓风机出入口，接力风机出入口，电除雾串联及联通阀，SO₂主鼓风机出入口，转化器调节，预热器出入口等调节和截止气量使用。

用于硫磺制酸系统中的焚硫、转化、干吸工段，是硫磺制酸装置用阀的首选品牌，被广大用户认为是：密封性能好，运转轻，耐腐蚀，耐高温，操作方便、灵活，使用安全可靠的蝶阀，得到了大量推广使用。

还广泛用于：化工、石化、冶炼、医药、食品等行业中SO₂、蒸气、空气、煤气、氨气、CO₂气、油品、水、盐水、碱液、海水、硝酸、盐酸、硫酸、磷酸等介质的管路上作为调节和截流装置使用。

结构特点

- 1、三向偏心的独特设计使密封副之间无摩擦转动，延长了阀门使用寿命。
- 2、由扭矩产生弹性密封。
- 3、巧妙的楔形设计使阀门有越关越紧的自动密封功能，密封副之间具有补偿性、零泄漏。
- 4、体积小、重量轻、操作轻巧、便于安装。
- 5、可根据用户需求配置气动、电动装置、满足遥控和程控的需要。
- 6、更换零件材质可适用于各种介质，并可进行衬里防腐(衬F46、GXPP、PO等)。
- 7、连接结构多样化：对夹、法兰、对焊。

执行标准

- 1、设计与制造 GB12238-89《通用阀门 法兰和对夹连接蝶阀》JB/T8527-1997《金属密封蝶阀》。
- 2、法兰尺寸：
PN=1.0MPa 按JB/T82.1-94(即原标准JB82-59)《凸面对焊钢制管法兰》规定
PN=1.6MPa 按GB9113.3-88《凸面整体钢制管法兰》规定
PN=2.5MPa 按GB9113.4-88《凸面整体钢制管法兰》规定
- 3、结构长度 GB12221-89《法兰连接金属阀门 结构长度》
- 4、检验和试验 GB/T13927-92《通用阀门 压力试验》

General

The stretchy metal seated butterfly valve is one of national key new products excoigitated and patented by our company, of which our company was granted the third-class Sun Shibai Award in the aspect of choosing materials in 1999 sulfuric acid industry (patent No. : ZL 95 2 03441.7). The high-capability stretchy metal seated butterfly valves are made by adopting the sealing construct of one double eccentric structure and one special conic ellipse structure so that the conventional sliding friction defect that the sealing faces have been contacting has got settlement so as to make the disc separate with the seat immediately when opened and contact with the seat to seal immediately when closed, so the objective to prolong its service life and get best sealing ability is realized.

Uses

The said valves can be used in air pipeline system of sulfuric acid industry at the places of the exit and entrance of furnace fan or relay fan as serial linking valves for removing fog by electricity, the exit and entrance of main sulfur dioxide fan as a transforming adjuster, the exit-entrance of pre-heating device to adjust and cut off air flow.

They can also be used in the burning, transforming and drying processes of acid-making system with sulfur and have become the priority selected brand of valves applied in the sulfuric acid making device. Users remarked it as: sealing excellent, running stable, corrosive proof, high temperature durable, operation convenient and flexible, application safe and reliable. As such, the said valve has been widely recognized and recommended for use.

Plus, they are widely used in the pipeline systems of SO₂, steam, air, coal gas, NH₃, CO₂, oil, water, salt water, lye, sea water, nitric acid, hydrochloric acid, sulfuric acid, phosphoric acid, etc. in chemical industry, petrochemical industry, metallurgy, pharmacy and food, etc functioning as regulation and cutting off device.

Structure traits

- 1.Unique triple eccentric design leads to the non-frictional movement between sealing faces and prolong its service life.
- 2.Stretchy seal is resulted from torque.
- 3.Crafty wedge-shape design produces a pressure seat leading to tighter sealing ability as the valve is being closed gradually and zero leakage.
- 4.Small volume, low weight, easy operation and installation.
- 5.Pneumatic or electric actuator can be configured according to user's demands to meet the needs of remote control and program control.
- 6.The materials can be replaced so as to make the valve suitable for various kinds of mediums and linings can be added to get corrosion proof ability. (Linings such as FEP, PP, PO, etc).
- 7.The diverse connective constructions: wafer spherical, flange, butt weld

Executive standard

- 1.Design and making: GB12238-89 *Currcncy valve Flange and wafer connection valve* JB/T8527-1997 *Metal sealing valve*.
- 2.Flange size:
PN=1.0MPa according to JB/T82.1-94(former standard JB82-59) *Convexity butt joint connection steel pipe blank flange*.
PN=1.6MPa according to GB9113.3-88 *all-steel pipe blank flange*.
PN=2.5MPa according to GB9113.4-88 *all-steel pipe blank flange*.
- 3.Structure length according to GB12221-89 *Flange connection metal valve Face-to-face length*.
- 4.Test according to GB/T13927-92 *General-purposed valve Pressure test*.



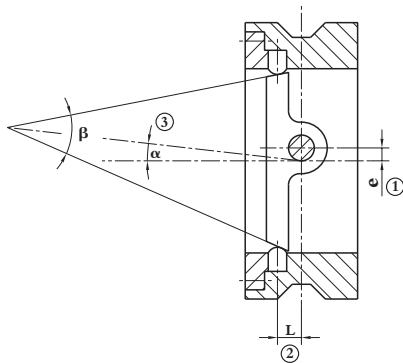
性能规范 Performance criterion

公称通径 Nominal diameter	DN100~3200	DN100~2000	DN50~2000	DN50~1600	DN50~1200	mm
公称压力 Nominal pressure	0.25	0.6	1.0	1.6	2.5	MPa
试验压力 Testing pressure	强度 Strength	0.38	0.9	1.5	2.4	
	密封 Sealing	0.28	0.66	1.1	1.8	2.8
阀门启闭时间 Open-close time of valve	<100					S
适用温度 Suitable temperature	-29~700					°C
适用介质 Suitable media	蒸气、空气、煤气、氨气、CO ₂ 、SO ₂ 、SO ₃ 、油品、水、酸、碱、盐等腐蚀性介质和非腐蚀性介质。 Smoke, air, gas, NH ₃ , CO ₂ , SO ₂ , SO ₃ , oil, water, acid, alkali, salt etc. causticity and non-causticity media.					

工作原理 Working Principle

弹性金属密封蝶阀原理图

Stretchy metal sealing butterfly valve theory drawing



三偏心密封原理提供以下优点:

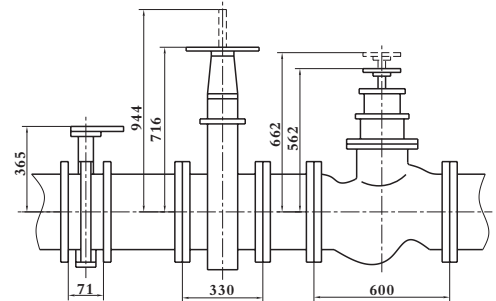
1. 无摩擦转动
2. 由扭矩产生弹性密封
3. 楔形设计确保均匀的密封接触

The triple eccentric sealing rationale features:

- 1.No frictional rotation.
- 2.Stretchy seal resulted from torque.
- 3.Wedge-shape design ensures even sealing contact.

DN200蝶阀、闸阀、截止阀外型尺寸及重量对比图

DN200 butterfly valve, gate valve, globe valve appearance dimensions and weight comparing drawing



蝶阀 Butterfly valve	闸阀 Gate valve	截止阀 Globe valve
24Kg	140Kg	220Kg

蝶阀体积小，重量轻、便于安装。
Butterfly valves are of small volume, light weight, and easy installation

阀体材料代号及适用温度 Code of body material and suitable temperature

阀体材料 Body material	WCB	XD-3	ZG1Cr5Mo	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M	XD-1
代号 Code	C	XD-3	I	P	R	XD-1
适用温度 Suitable temperature	≤425°C	≤475°C	≤550°C	≤600°C	≤600°C	≤700°C

注：1、ZG1Cr5Mo适用于对夹、法兰连接。

2、根据用户及工况要求可选配各种不同材质。

Note: 1. ZG1Cr5Mo is suitable for wafer and flange connection.

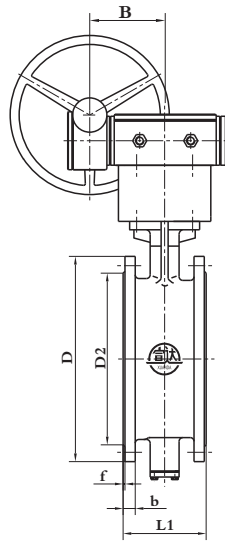
2. Different materials can be used for user's need and working requirement.

可选用材料 Material options

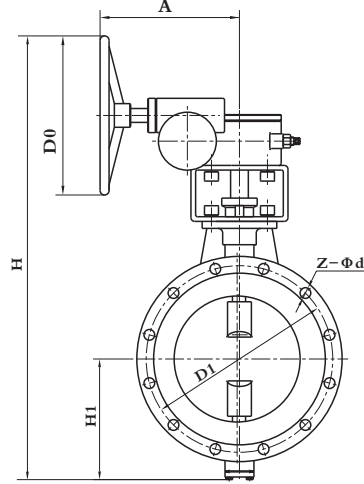
低温碳钢LCB, LC3	Low temperature carbon steel LCB & LC3
双相不锈钢	Duplex stainless steel
蒙乃尔合金	Monel
耐热镍铬铁合金	Incoly
耐盐酸镍基合金	Hastelloy
254SMO特殊奥氏体合金	254SMO Superaustenitic
合金钢 WC6 WC9	Alloy steel WC6 & WC9



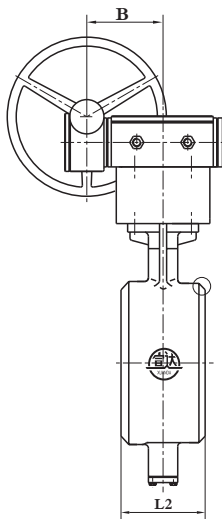
Dy343H Dy363H Dy373H蜗轮传动蝶阀
Dy343H Dy363H Dy373H worm-gear actuator butterfly valve



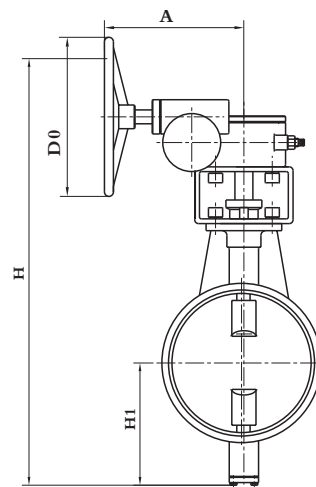
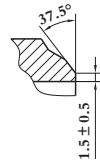
Dy343H型法兰连接蝶阀



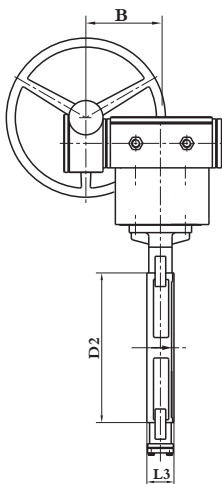
Dy343H type flange connection butterfly valve



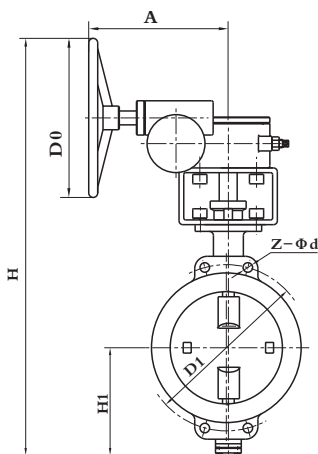
Dy363H型焊接连接蝶阀



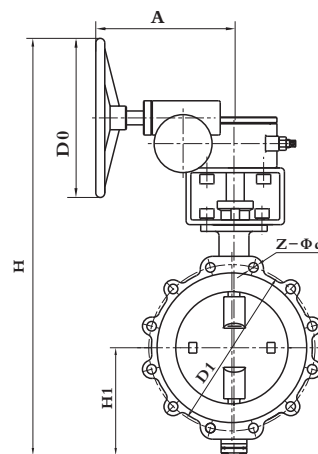
Dy363H type weld connection butterfly valve



Dy373H型对夹连接蝶阀



Dy373H type wafer connection butterfly valve





蜗轮传动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of worm-gear actuator butterfly valve

公称通径 Nominal diameter	标准值 Standard value									参考值 Reference value					
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	H	H1	D0	A	B	W(Kg) *
DN(mm)	PN0.25/PN0.6(MPa) (JB78)														
100	127	127	52	205	170	145	18	3	4-Φ18	480	145	155	155	45	23
125	140	140	56	235	200	175	20	3	8-Φ18	500	155	155	155	45	28
150	140	140	56	260	225	200	20	3	8-Φ18	640	170	155	155	45	36
200	152	152	60	315	280	255	22	3	8-Φ18	700	200	300	238	65	52
250	165	165	68	370	335	310	24	3	12-Φ18	775	245	300	238	65	69
300	178	178	78	435	395	362	24	4	12-Φ23	855	265	300	253	85	86
350	190	190	78	485	445	412	26	4	12-Φ23	1015	320	316	280	138	120
400	216	216	102	535	495	462	28	4	16-Φ23	1095	345	316	280	138	155
450	222	222	114	590	550	518	28	4	16-Φ23	1145	380	316	400	58	175
500	229	229	127	640	600	568	30	4	16-Φ23	1190	395	316	400	58	238
600	267	267	154	755	705	670	30	5	20-Φ25	1370	468	316	400	58	320
700	292	292	165	860	810	775	30/32	5	24-Φ25	1530	515	316	400	58	500
800	318	318	190	975	920	880	30/34	5	24-Φ30	1750	590	520	520	120	600
900	330	330	203	1075	1020	980	30/36	5	24-Φ30	1940	635	520	520	120	700
1000	410	410	216	1175	1120	1080	30/36	5	28-Φ30	2390	828	520	520	120	1060
1200	470	470	254	1375/1400	1320/1340	1280/1295	30/40	5	32-Φ30/32-Φ34	2590	900	640	680	140	1150
1400	530	530	390	1575/1620	1520/1560	1480/1510	30/44	5	36-Φ30/36-Φ34	2750	1000	640	680	140	2000
1600	600	600	440	1785/1820	1730/1760	1690/1710	32/48	5	40-Φ30/40-Φ34	3040	1150	640	680	140	2500
1800	670	670	490	1985/2045	1930/1970	1890/1910	34/50	5	44-Φ30/44-Φ41	3250	1230	640	680	140	3300
2000	760	760	540	2185/2265	2130/2180	2090/2110	34/54	5	48-Φ30/48-Φ48	3550	1350	800	900	240	4000
2200	550	550	-	2400	2340	2292	36	6	52-Φ34	3850	1540	800	900	240	5600
2400	630	630	-	2600	2540	2492	38	6	56-Φ34	3950	1550	800	900	240	5800
2600	630	630	-	2800	2740	2692	40	6	60-Φ34	4400	1700	800	900	240	6600
2800	710	710	-	3030	2960	2905	44	6	64-Φ41	4750	2300	800	900	240	7400
3000	710	710	-	3230	3160	3105	46	6	68-Φ41	5100	2500	800	900	240	8400
3200	710	710	-	3430	3360	3305	46	6	72-Φ41	5500	2700	800	900	240	9500

注：*参考重量仅列出法兰连接蝶阀的重量。

Note: *Only weights of flange connected valves are listed as reference weights.



蜗轮传动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of worm-gear actuator butterfly valve

公称通径 Nominal diameter	标准值 Standard value									参考值 Reference value					
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	H	H1	D0	A	B	W(Kg) *
DN(mm)	PN1.0/PN1.6(MPa)														
50	108	108	43	165	125	100	16/20	3	4-Φ18	339	85	140	135	35	12.5
65	112	112	46	185	145	120	18/20	3	4-Φ18	373	95	150	135	35	17
80	114	114	46	200	160	135	18/20	3	4-Φ18/8-Φ18	418	106	150	135	35	21
100	127	127	52	220	180	155	20/22	3	8-Φ18	490	150	155	155	45	26
125	140	140	56	250	210	185	22	3	8-Φ18	510	160	155	155	45	32
150	140	140	56	285	240	210	22/24	3	8-Φ23/8-Φ22	650	175	300	238	65	45
200	152	152	60	340	295	265	22/24	3	8-Φ23/12-Φ23	710	210	300	253	85	58
250	165	165	68	395/405	350/355	320	24/26	3	12-Φ23/12-Φ26	785	350	300	253	85	73
300	178	178	78	445/460	400/410	368	26/28	4	12-Φ23/12-Φ26	890	275	310	280	138	92
350	190	190	78	505/520	460/470	428	26/30	4	16-Φ23/16-Φ26	1015	320	316	280	138	145
400	216	216	102	565/580	515/525	482	26/32	4	16-Φ26/16-Φ30	1095	345	316	400	158	165
450	222	222	114	615/640	565/585	532/548	26/34	4	20-Φ26/20-Φ30	1155	380	316	400	158	223
500	229	229	127	670/715	620/650	585/609	28/36	4	20-Φ26/20-Φ33	1230	415	316	400	158	260
600	267	267	154	780/840	725/770	685/720	28/38	5	20-Φ30/20-Φ36	1440	482	520	520	120	302
700	292	292	165	895/910	840	800	30/40	5	24-Φ30/24-Φ36	1650	530	520	520	120	570
800	318	318	190	1015/1025	950	905	32/42	5	24-Φ34/24-Φ39	1815	615	520	520	120	660
900	330	330	203	1115/1125	1050	1005	34/44	5	28-Φ34/28-Φ39	2090	640	640	680	140	900
1000	410	410	216	1230/1255	1160/1170	1115	34/46	5	28-Φ36/28-Φ42	2430	835	640	680	140	1250
1200	470	470	254	1455/1485	1380/1390	1325	38/52	5	32-Φ41/32-Φ48	2640	930	640	680	140	1500
1400	530	530	390	1675/1685	1590	1525	42/58	5	36-Φ48	2880	1020	640	680	140	2400
1600	600	600	440	1915/1930	1820	1750	46/64	5	40-Φ54/40-Φ56	3180	1180	800	900	240	3100
1800	670	670	490	2115	2020	1950	50	5	44-Φ54	3600	1200	800	900	240	3850
2000	760	760	540	2325	2230	2160	54	5	46-Φ54	3800	1350	800	900	240	4000

注：*参考重量仅列出法兰连接蝶阀的重量。

Note: *Only weights of flange connected valves are listed as reference weights.



蜗轮传动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of worm-gear actuator butterfly valve

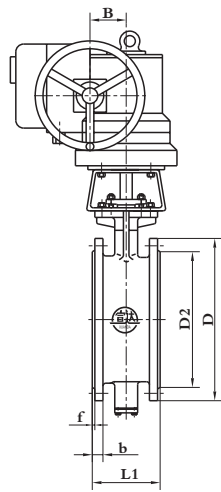
公称通径 Nominal diameter	标准值 Standard value									参考值 Reference value					
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	H	H1	D0	A	B	W(Kg) *
DN(mm)	PN2.5(MPa)														
50	108	108	43	165	125	99	20	3	4-Φ18	339	85	140	135	35	14
65	112	112	46	185	145	118	22	3	8-Φ18	373	95	150	135	35	19
80	114	114	46	200	160	132	24	3	8-Φ18	418	106	150	135	35	23.5
100	127	127	52	235	190	156	24	3	8-Φ22	510	155	155	155	45	31
125	140	140	56	270	220	184	26	3	8-Φ26	530	170	300	238	65	42
150	140	140	56	300	250	211	28	3	8-Φ26	670	185	300	238	65	50
200	152	152	60	360	310	274	30	3	12-Φ26	720	220	300	253	85	64
250	165	165	68	425	370	330	32	3	12-Φ30	800	255	300	253	85	75
300	178	178	78	485	430	389	34	4	16-Φ30	910	285	310	280	138	95
350	190	190	78	555	490	448	38	4	16-Φ33	1045	335	316	280	138	170
400	216	216	102	620	550	503	40	4	16-Φ36	1115	355	316	400	158	175
450	222	222	114	670	640	548	42	4	20-Φ36	1185	395	316	400	158	272
500	229	229	127	730	660	609	44	4	20-Φ36	1300	450	316	400	158	310
600	267	267	154	845	770	720	46	4	20-Φ39	1500	502	520	520	120	440
700	292	292	165	960	875	820	50	5	24-Φ42	1700	555	520	520	120	640
800	318	318	190	1085	990	928	54	5	24-Φ48	1868	630	520	520	120	720
900	330	330	203	1185	1090	1028	58	5	28-Φ48	2130	665	640	680	140	1180
1000	410	410	216	1320	1210	1140	62	5	28-Φ56	2470	850	800	900	240	1670
1200	470	470	254	1530	1420	1350	70	5	32-Φ56	2780	940	980	900	240	1980

注：*参考重量仅列出法兰连接蝶阀的重量。

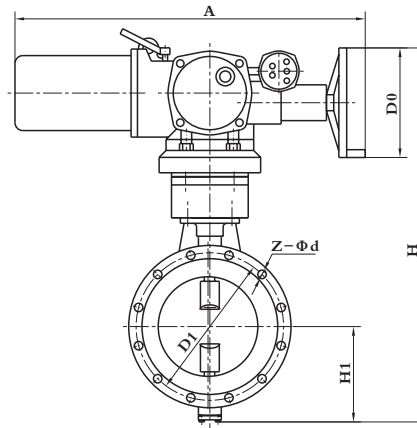
Note: *Only weights of flange connected valves are listed as reference weights.



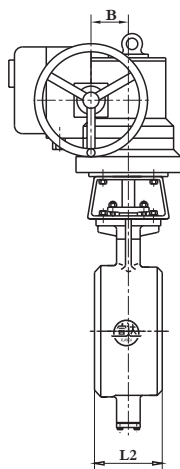
Dy943H Dy963H Dy973H型电动蝶阀
Dy943H Dy963H Dy973H type electric actuator butterfly valve



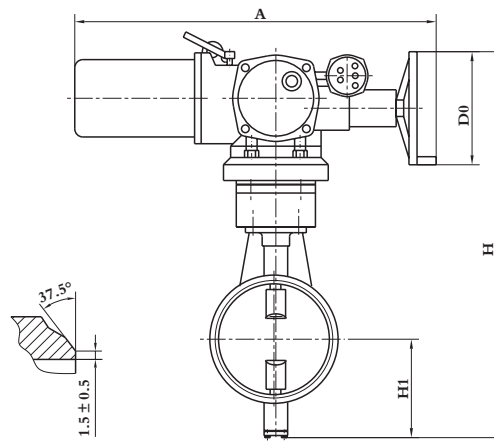
Dy943H型法兰连接蝶阀



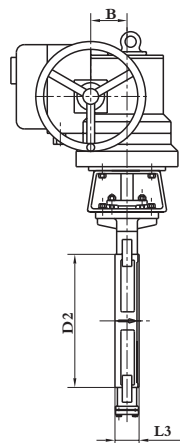
Dy943H type Flange connection butterfly valve



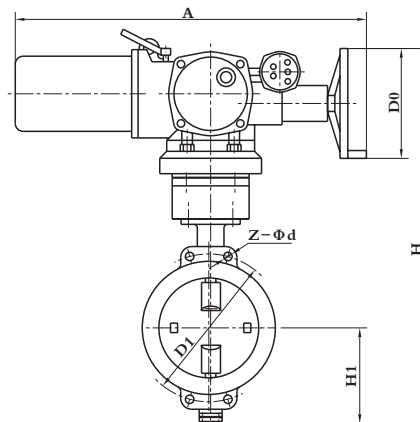
Dy963H型焊接连接蝶阀



Dy963H type weld connection butterfly valve



Dy973H型对夹连接蝶阀



Dy973H type wafer connection butterfly valve



电动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of electric actuator butterfly valve

公称口径 Nominal diameter	标准值 Standard value									参考值 Reference value					电动装置型号 Electric actuator	
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	H	H1	A	B	D0		W(Kg) *
DN(mm)	PN0.25/PN0.6(MPa) (JB78)															
100	127	127	52	205	170	145	18	3	4-Φ18	790	145	178	65		73	DQW20-1
125	140	140	56	235	200	175	20	3	8-Φ18	810	160	178	65		78	DQW20-1
150	140	140	56	260	225	200	20	3	8-Φ18	840	178	178	65		89	DQW20-1
200	152	152	60	315	280	255	22	3	8-Φ18	905	205	419	92	365	114	DZW10
250	165	165	68	370	335	310	24	3	12-Φ18	1000	250	419	92	365	144	DZW10
300	178	178	78	435	395	362	24	4	12-Φ23	1050	275	437	108	365	160	DZW20(I)
350	190	190	78	485	445	412	26	4	12-Φ23	1105	320	461	128	365	222	DZW20(I)
400	216	216	102	535	495	462	28	4	16-Φ23	1175	345	473	152	365	255	DZW20(I)
450	222	222	114	590	550	518	28	4	16-Φ23	1225	380	489	168	365	340	DZW30(I)
500	229	229	127	640	600	568	30	4	16-Φ23	1270	395	513	192	365	312	DZW30(I)
600	267	267	154	755	705	670	30	5	20-Φ25	1525	468	668	329	365	420	DZW30(I)
700	292	292	165	860	810	775	30/32	5	24-Φ25	1640	515	668	329	365	620	DZW60
800	318	318	190	975	920	880	30/34	5	24-Φ30	1775	590	685	358	560	720	DZW60
900	330	330	203	1075	1020	980	30/36	5	24-Φ30	1950	635	685	358	560	820	DZW90(I)
1000	410	410	216	1175	1120	1080	30/36	5	28-Φ30	2405	828	685	358	560	1280	DZW90(I)
1200	470	470	254	1375/1400	1320/1340	1280/1295	30/40	5	32-Φ30/32-Φ34	2545	900	685	358	560	1370	DZW120(I)
1400	530	530	390	1575/1620	1520/1560	1480/1510	30/44	5	36-Φ30/36-Φ34	2750	1000	1065	250	320	2220	DZW250
1600	600	600	440	1785/1820	1730/1760	1690/1710	32/48	5	40-Φ30/40-Φ34	3040	1150	1065	250	320	2720	DZW250
1800	670	670	490	1985/2045	1930/1970	1890/1910	34/50	5	44-Φ30/44-Φ41	3250	1230	1175	300	530	3520	DZW250
2000	760	760	540	2185/2265	2130/2180	2090/2110	34/54	5	48-Φ30/48-Φ48	3475	1350	1565	300	500	4200	DZW800
2200	550	550	-	2400	2340	2292	36	6	52-Φ34	3770	1540	1565	300	530	6020	DZW800
2400	630	630	-	2600	2540	2492	38	6	56-Φ34	3870	1550	1665	300	500	6520	DZW800
2600	630	630	-	2800	2740	2692	40	6	60-Φ34	4320	1700	1665	300	500	6820	DZW800
2800	710	710	-	3030	2960	2905	44	6	64-Φ41	4670	2300	1665	300	500	7900	DZW1000
3000	710	710	-	3230	3160	3105	46	6	68-Φ41	5020	2500	1665	300	500	8900	DZW1000
3200	710	710	-	3430	3360	3305	46	6	72-Φ41	5650	2700	1665	300	500	9800	DZW1000

注：*参考重量仅列出法兰连接蝶阀的重量。

Note: *Only weights of flange connected valves are listed as reference weights.



电动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of electric actuator butterfly valve

公称通径 Nominal diameter	标准值 Standard value									参考值 Reference value					电动装置型号 Electric actuator	
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	H	H1	A	B	D0		W(Kg) *
DN(mm)	PN1.0/PN1.6(MPa)															
100	127	127	52	220	180	155	20/22	3	8-Φ18	800	148	178	65		73	DQW20-1
125	140	140	56	250	210	185	22	3	8-Φ18	820	165	178	65		78	DQW20-1
150	140	140	56	285	240	210	22/24	3	8-Φ23	850	182	178	65		89	DQW20-1
200	152	152	60	340	295	265	22/24	3	8-Φ23/12-Φ22	920	220	419	92	365	114	DZW10
250	165	165	68	395/405	350/355	320	24/26	3	12-Φ23/12-Φ26	1015	255	419	92	365	144	DZW10
300	178	178	78	445/460	400/410	368	26/28	4	12-Φ23/12-Φ26	1140	280	437	108	365	160	DZW20(I)
350	190	190	78	505/520	460/470	428	26/30	4	16-Φ23/16-Φ26	1105	320	461	128	365	222	DZW20(I)
400	216	216	102	565/580	515/525	482/480	26/32	4	16-Φ26/16-Φ30	1175	345	473	152	365	255	DZW20(I)
450	222	222	114	615/640	565/585	532/548	26/34	4	20-Φ26/20-Φ30	1235	380	489	168	365	312	DZW30(I)
500	229	229	127	670/715	620/650	585/609	28/36	4	20-Φ26/20-Φ33	1310	415	513	192	365	340	DZW30(I)
600	267	267	154	780/840	725/770	685/720	28/38	5	20-Φ30/20-Φ36	1535	482	668	329	365	420	DZW30(I)
700	292	292	165	895/910	840	800	30/40	5	24-Φ30/24-Φ36	1665	530	668	329	365	620	DZW60
800	318	318	190	1015/1025	950	905	32/42	5	24-Φ34/24-Φ39	1830	615	685	358	560	720	DZW60
900	330	330	203	1115/1125	1050	1005	34/44	5	28-Φ34/28-Φ39	2090	640	685	358	560	820	DZW90(I)
1000	410	410	216	1230/1255	1160/1170	1115	34/46	5	28-Φ36/28-Φ42	2465	835	685	358	560	1280	DZW90(I)
1200	470	470	254	1455/1485	1380/1390	1325	38/52	5	32-Φ41/32-Φ48	2635	930	685	358	560	1370	DZW120(I)
1400	530	530	390	1675/1685	1590	1525	42/58	5	36-Φ48	2880	1020	1065	250	320	2220	DZW250
1600	600	600	440	1915/1930	1820	1750	46/64	5	40-Φ54/40-Φ56	3110	1180	1065	250	320	2720	DZW250
1800	670	670	490	2115	2020	1950	50	5	44-Φ54	3320	1230	1175	300	530	3520	DZW250
2000	760	760	540	2325	2230	2160	54	5	46-Φ54	3585	1450	1565	300	500	4200	DZW800

注：*参考重量仅列出法兰连接蝶阀的重量。

Note: *Only weights of flange connected valves are listed as reference weights.



电动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of electric actuator butterfly valve

公称通径 Nominal diameter	标准值 Standard value									参考值 Reference value						电动装置型号 Electric actuator
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	H	H1	A	B	D0	W(Kg) *	
DN(mm)	PN2.5(MPa)															
100	127	127	52	235	190	156	24	3	8-Φ22	860	178	178	65		81	DQW20-1
125	140	140	56	270	220	184	26	3	8-Φ26	850	178	178	65		100	DQW20-1
150	140	140	56	300	250	211	28	3	8-Φ26	880	178	178	65		115	DQW20-1
200	152	152	60	360	310	274	30	3	12-Φ26	950	419	419	92	365	136	DZW10
250	165	165	68	425	370	330	32	3	12-Φ30	1115	419	419	92	365	190	DZW10
300	178	178	78	485	430	389	34	4	16-Φ30	1180	437	437	108	365	248	DZW20(I)
350	190	190	78	555	490	448	38	4	16-Φ33	1135	461	461	128	365	275	DZW20(I)
400	216	216	102	620	550	503	40	4	16-Φ36	1200	473	473	152	365	325	DZW20(I)
450	222	222	114	670	640	548	42	4	20-Φ36	1265	489	489	168	365	372	DZW30(I)
500	229	229	127	730	660	609	44	4	20-Φ36	1350	513	513	192	365	475	DZW30(I)
600	267	267	154	845	770	720	46	4	20-Φ39	1535	668	668	329	365	560	DZW30(I)
700	292	292	165	960	875	820	50	5	24-Φ42	1715	668	668	329	365	760	DZW60
800	318	318	190	1085	990	928	54	5	24-Φ48	1880	685	685	358	560	940	DZW60
900	330	330	203	1185	1090	1028	58	5	28-Φ48	2130	685	685	358	560	1300	DZW90(I)
1000	410	410	216	1320	1210	1140	62	5	28-Φ56	2500	685	685	358	560	1890	DZW90(I)
1200	470	470	254	1530	1420	1350	70	5	32-Φ56	2680	685	685	358	560	2200	DZW120(I)

注：*参考重量仅列出法兰连接蝶阀的重量。

Note: *Only weights of flange connected valves are listed as reference weights.



金属复合材料密封蝶阀 Compound metal material sealing butterfly valve

概述

金属复合材料密封蝶阀是我公司研制的三维偏心零泄漏阀门，阀门使用温度范围和耐蚀性能只与制作的零件材料有关，阀门的调节性能优异，是目前国内外先进的新型管路控制设备。

用途

主要适用于石油、化工、电力、冶金及城市供热系统管路上，作为调节和截流设备使用。

结构特点

1. 特殊设计的蝶板密封圈，具有金属密封和弹性密封的双重优点，无论在高温或低温情况下，均具有优良的密封性能。
2. 采用流阻小、密封可靠的斜置锥形阀座，及三维偏心结构，阀座与蝶板几乎无摩擦，具有越关越紧的密封功能。
3. 更换阀体材质，采用不同密封圈复合夹层可适用不同介质。
4. 操作灵活、省力、方便、寿命长、零泄漏。
5. 耐高温、耐腐蚀。

执行标准

1. 设计与制造 GB12238-89《通用阀门 法兰和对夹连接蝶阀》JB/T8527-1997《金属密封蝶阀》ANSI B16.34。
2. 法兰尺寸：
PN=1.0MPa 按JB/T82.1-94(即原标准JB82-59)《凸面对焊钢管制管法兰》规定
PN=1.6MPa 按GB9113.3-88《凸面整体钢制管法兰》规定 PN=2.5MPa 按GB9113.4-88《凸面整体钢制管法兰》规定
ANSI B16.5, MSS-SP-44CL
3. 结构长度 GB12221-89《法兰连接金属阀门 结构长度》API 609
4. 检验和试验 GB/T13927-92《通用阀门 压力试验》API 598

General

Compound metal material sealing butterfly valve is a kind of triple eccentric valve with zero leakage characteristic developed by our company. The suitable temperature range and corrosion resistance ability of the valve only relate to the materials the elements used. The valves are of excellent adjusting capability and the advanced new-type pipeline control equipment at home and abroad at present.

Uses

They are mainly used in the pipeline systems of petroleum, chemical industry, electric power, metallurgy and city heat supplying system as regulation and cutting off equipment

Structure traits

1. Specially designed disc seal rings have the combining characteristics of metal seal and stretchy seal, and hold excellent sealing performances not only under low temperature but also high temperature.
2. An oblique set conical seat with small flow resistance and reliable sealing ability plus the triple eccentric structure is adopted to produce little friction between the valve seat and the disc and lead to increasing tightness as
3. The materials can be replaced and different seal ring compound layers are adopted to be suitable for different mediums.
4. Operation is flexible, easy, convenient and life long life with zero leakage.
5. High temperature resistance & corrosion resistance.

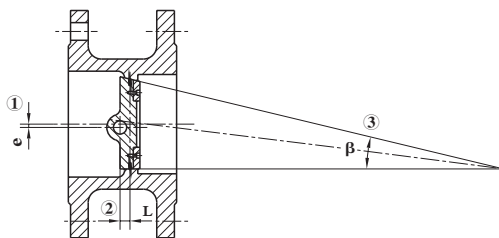
Executve Administer

1. Design and making: GB12238-89 *General-purposed valve Flange and wafer connection valve* JB/T8527-1997 *Metal sealing valve* ANSI B16.34.
2. Flange size:
PN=1.0MPa according to JB/T82.1-94(former standard JB82-59) *butt joint connection steel pipe blank flange.*
PN=1.6MPa according to GB9113.3-88 *Convexity whole steelliness pipe flange.*
PN=2.5MPa according to GB9113.4-88 *all-steel pine blank flange.* ANSI B16.5, MSS-SP-44CL
3. Structure length according to GB12221-89 *Flange connection metal valve Face-to-face length.* API 609
4. Test according to GB/T13927-92 *General-purposed valve Pressure test.* API 598

性能规范 Performance criterion

公称压力 Nominal pressure	PN	1.6	2.5	4.0	ANSI	150Lb	300Lb
强度试验 Strength test	PS	2.4	3.8	6.0	PS	3.0	7.5
密封试验 Sealing test	MPa	1.76	2.75	4.4	MPa	2.2	5.5
气密封试验 Air-tight test	MPa	0.6	0.6	0.6	MPa	0.6	0.6

工作原理 Working Principle



三向偏心、零摩擦、零泄漏。

- ① 偏离管道中心；
- ② 偏离密封面中心；
- ③ 倾斜的锥形。

Three eccentricity, zero frictional force, zero leakage.

- ① deviate from the center of pipeline
- ② deviate from the center of sealed face
- ③ gradient taper

主要零件材质 Material of main parts

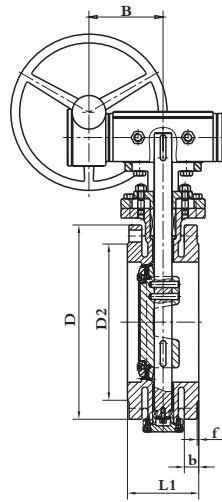
阀体 Body	阀板 Disc	阀杆 Stem	密封圈 Sealing ring	填料 Stuffing
WCB 0Cr19Ni9 0Cr18Ni12Mo2Ti 1Cr5Mo		2Cr13 1Cr17Ni2 1Cr18Ni9 1Cr18Ni12Mo2Ti	不锈钢 Stainless steel 不锈钢复合材料 Stainless steel compound material	柔性石墨 Soft graphite

注：根据用户及工况要求可选用不同材质。

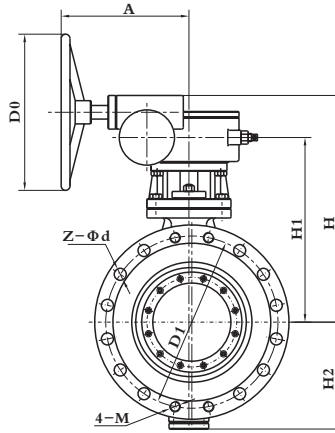
Note: Different materials can be chosen according to requirements of users and specific working conditions.



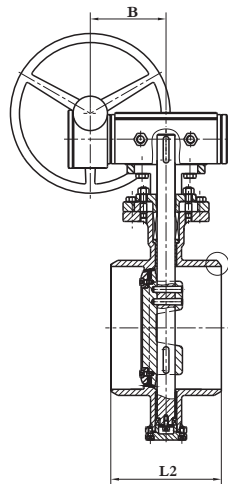
DH343H DH363H DH373H蜗轮传动蝶阀
DH343H DH363H DH373H worm-gear actuated butterfly valve



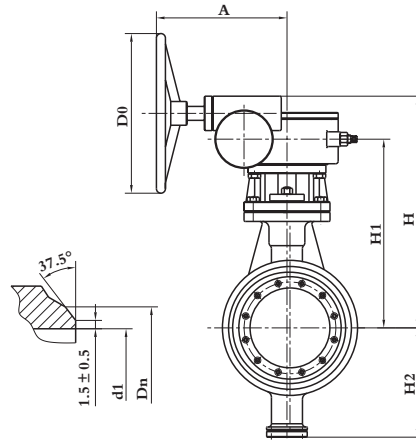
DH343H型法兰连接蝶阀



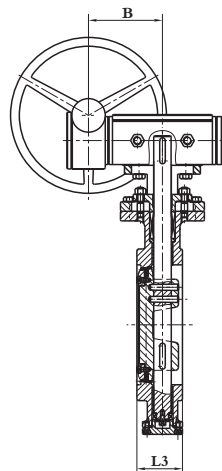
DH343H type flange connection butterfly valve



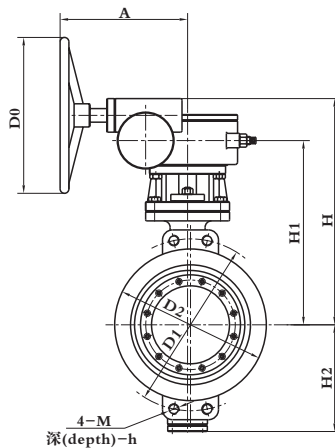
DH363H型焊接连接蝶阀



DH363H type weld connection butterfly valve



DH373H型对夹连接蝶阀



DH373H type wafer connection butterfly valve



蜗轮传动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of worm-gear actuator butterfly valve

公称通径 Nominal diameter	标准值 Standard value													参考值 Reference value						
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0	W(Kg)*
DN(mm)	PN0.6(MPa) (JB78)																			
1000	410	550	300	1175	1120	1080	36	5	24-Φ30	27	992	1028	33	1053	757	1228	785	30	450#	1700
1200	470	630	360	1400	1340	1295	40	5	28-Φ34	30	1192	1228	36	1162	851	1336	785	30	450#	1850
1400	530	710	390	1620	1560	1510	44	5	32-Φ34	30	1392	1428	36	1310	876	1436	785	30	450#	2540
1600	600	790	440	1820	1760	1710	48	5	36-Φ34	30	1592	1628	36	1436	1095	1584	785	30	450#	3730
1800	670	870	490	2045	1970	1910	50	5	40-Φ41	36	1792	1828	42	1579	1214	1703	865	50	600#	4756
2000	760	950	540	2265	2180	2110	54	5	44-Φ48	42	1992	2028	50	1723	1330	1841	865	50	600#	6520
2200	1000	1000		2475	2390	2330	60	6	48-Φ48	42	2192	2228		1844	1452	1961	865	50	600#	7832
2400	1100	1100		2685	2600	2540	62	6	52-Φ48	42	2392	2428		1968	1578	2086	865	50	600#	10460
2600	1200	1200		2900	2810	2740	64	6	56-Φ54	48	2592	2628		2098	1706	2120	865	50	600#	11310
2800	1300	1300		3110	3020	2950	68	6	60-Φ54	48	2792	2828		2232	1841	2255	865	50	600#	14400
3000	1400	1400		3310	3220	3150	70	6	64-Φ54	48	2992	2992		2372	1982	2395	865	50	600#	15420

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter	标准值 Standard value													参考值 Reference value						
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0	W(Kg)*
DN(mm)	PN1.0(MPa)																			
600	267	390	178	780	725	685	28	5	16-Φ30	27	602	636	25	606	499	684	320	192	500#	540
700	292	430	229	895	840	800	30	5	20-Φ30	27	692	726	26	738	566	894	237	168	350#	790
800	318	470	241	1015	950	905	32	5	20-Φ34	30	792	826	28	801	632	957	237	168	350#	945
900	330	510	241	1115	1050	1005	34	5	24-Φ34	30	892	926	30	989	693	1163	237	168	350#	1000
1000	410	550	300	1230	1160	1115	34	5	24-Φ36	33	992	1028	30	1053	757	1228	785	30	450#	1890
1200	470	630	360	1455	1380	1325	38	5	28-Φ41	36	1028	1228	34	1162	851	1336	785	30	450#	2058
1400	530	710	390	1675	1590	1525	42	5	32-Φ48	42	1428	1428	38	1310	876	1436	785	30	450#	2819
1600	600	790	440	1915	1820	1725	46	5	36-Φ54	48	1628	1628	40	1436	1095	1584	785	30	450#	4140
1800	670	870	490	2115	2020	1925	50	5	40-Φ54	48	1792	1828	44	1579	1214	1730	865	50	600#	5284
2000	760	950	540	2325	2230	2160	54	5	42-Φ54	48	1992	2028	45	1723	1332	1841	865	50	600#	7240

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter	标准值 Standard value													参考值 Reference value						
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0	W(Kg)*
DN(mm)	PN1.6(MPa)																			
80	114	180	64	200	160	132	20	3	4-Φ18	16	78	90		186	90	230	140	63	160	32
100	127	190	64	220	180	156	22	3	4-Φ18	16	96	110		195	100	239	140	63	160	40
125	140	200	70	250	210	184	22	3	4-Φ18	16	121	135		208	113	252	140	63	160	48
150	140	210	76	285	240	211	24	3	4-Φ22	20	146	161		240	130	2845	140	63	160	51
200	150	230	89	340	295	266	24	3	8-Φ22	20	202	222		260	205	309	150	84	160	95
250	165	250	114	405	355	319	26	3	8-Φ26	24	245	278	25	295	235	337	150	84	200	120
300	178	270	114	460	410	370	28	4	8-Φ26	24	303	330	26	340	275	392	200	108	200	156
350	190	290	127	520	470	429	30	4	12-Φ26	24	351	382	27	383	309	435	200	108	250	193
400	216	310	140	580	525	480	32	4	12-Φ30	29	398	432	28	427	346	481	240	152	300	227
450	222	330	152	640	585	548	34	4	16-Φ30	29	450	484	30	467	392	521	240	152	400	280
500	229	350	152	715	650	609	36	4	16-Φ33	30	501	535	32	499	427	568	300	168	400	355
600	267	390	178	840	770	720	38	4	16-Φ36	33	602	636	33	618	509	698	320	192	500	538
700	292	430	229	910	840	794	40	5	20-Φ36	33	692	726	35	745	572	903	237	168	350#	953
800	318	470	241	1025	950	901	42	5	20-Φ39	36	792	826	36	809	638	967	237	168	350#	1286
900	330	510	241	1125	1050	1001	44	5	24-Φ39	36	892	926	40	999	700	1175	785	30	450#	1659
1000	410	550	300	1255	1170	1112	46	5	24-Φ42	39	992	1028	41	1064	765	1240	785	30	450#	2200
1200	470	630	360	1485	1390	1328	52	5	28-Φ48	45	1192	1228	48	1174	860	1350	785	30	450#	2450
1400	530	710	390	1685	1590	1530	58	5	32-Φ48	45	1392	1428	52	1324	986	1450	865	50	600#	3356
1600	600	790	440	1930	1820	1750	64	5	36-Φ56	52	1592	1628	58	1450	1106	1600	865	50	600#	4925
1800	670	870	490	2130	2020	1950	68	5	40-Φ56	52	1792	1828	62	1595	1226	1720	865	50	600#	6290
2000	760	950	540	2345	2230	2150	70	5	44-Φ62	56	1992	2028	63	1740	1345	1860	865	50	600#	8621

注：1、#配二级蜗轮手动执行机构。2、*参考重量仅列出法兰连接蝶阀的重量。

Note: 1.# Equipped with two step worm gear actuator.

2. *Only weights of flange connected valves are listed as reference weights.



蜗轮传动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of worm-gear actuator butterfly valve

公称口径 Nominal diameter	标准值 Standard value													参考值 Reference value						
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0	W(Kg)*
DN(mm)	PN2.5(MPa)																			
80	114	180	64	200	160	132	24	3	4-Φ18	16	78	90		186	90	230	140	63	160	38
100	127	190	64	235	190	156	24	3	4-Φ22	20	96	110		201	106	245	140	63	160	40
125	140	200	70	270	220	184	26	3	4-Φ26	24	121	135		211	122	255	140	63	160	60
150	140	210	76	300	250	211	28	3	4-Φ26	24	146	161		243	136	287	140	63	160	65
200	152	230	89	360	310	274	30	3	8-Φ26	24	202	222	27	270	215	312	150	84	200	89
250	165	250	114	425	370	330	32	3	8-Φ30	27	254	278	27	302	247	344	150	84	200	160
300	178	270	114	485	430	389	34	4	12-Φ30	27	303	330	27	358	288	410	200	108	250	227
350	190	290	127	555	490	448	38	4	12-Φ33	30	351	382	32	421	333	453	240	108	350	285
400	216	310	140	620	550	503	40	4	12-Φ36	33	398	432	32	434	359	488	240	128	400	410
450	222	330	152	670	640	548	42	4	16-Φ36	33	450	484	35	473	405	542	300	152	450	480
500	229	350	152	730	660	609	44	4	16-Φ36	33	500	535	35	551	444	631	320	168	500	680
600	267	390	178	845	770	720	46	4	16-Φ39	36	600	636	35	674	521	832	237	192	350#	855
700	292	430	229	960	875	820	50	5	20-Φ42	39	690	726	35	758	586	910	237	685	350#	1215
800	318	470	241	1085	990	928	54	5	20-Φ48	45	790	826	41	823	659	981	237	685	350#	1600
900	330	510	241	1185	1090	1028	58	5	24-Φ48	45	890	926	47	884	720	1042	785	30	450#	2140
1000	410	550	300	1320	1210	1140	62	5	24-Φ56	52	990	1028	47	942	780	1101	785	30	450#	2490
1200	470	630	360	1530	1420	1350	70	5	28-Φ56	52	1190	1228	60	1054	889	1212	865	50	600#	3600
1400	530	710	390	1755	1640	1560	76	5	32-Φ62	56	1390	1428	64	1162	1000	1322	865	50	600#	4200

主要连接尺寸及重量 Main connecting dimensions and weights

公称口径 Nominal diameter	标准值 Standard value													参考值 Reference value						
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0	W(Kg)*
DN(mm)	PN4.0(MPa) (GB9113.5-88)																			
80	180	180	64	200	160	132	24	3	4-Φ18	16	78	90		242	180	286	140	63	160	35
100	190	190	64	235	190	156	24	3	4-Φ22	20	96	110		204	108	248	140	63	160	38
125	200	200	70	270	220	184	26	3	4-Φ26	24	120	135		214	120	258	140	84	160	45
150	210	210	76	300	250	211	28	3	4-Φ26	24	145	161		259	135	301	150	84	200	48
200	230	230	93	375	320	284	34	3	8-Φ30	27	200	222	32	276	202	318	150	108	200	128
250	250	250	114	450	385	345	38	3	8-Φ33	30	252	278	32	313	235	365	200	152	250	205
300	270	270	126	515	450	409	42	4	12-Φ33	30	301	330	35	363	280	415	200	168	300	311
350	290	290	128	580	510	465	46	4	12-Φ36	33	351	382	35	406	315	458	240	192	400	407
400	310	310	146	660	585	535	50	4	12-Φ39	36	398	432	35	441	355	510	300	237	450	495
450	330	330	173	685	610	560	50	4	16-Φ39	36	448	484	41	523	370	591	320	237	500	650
500	350	350	186	755	670	615	52	4	16-Φ42	39	495	535	47	597	420	710	168	237	350#	750
600	390	390	211	890	795	735	60	5	16-Φ48	45	595	636	56	662	490	770	168	237	350#	1165

主要连接尺寸及重量 Main connecting dimensions and weights

公称口径 Nominal diameter	标准值 Standard value													参考值 Reference value						
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0	W(Kg)*
DN(mm)	PN6.4(MPa) (JB79)																			
80	180	180	70	210	170	140	30	3	4-Φ23	20	77	90		242	120	290	140	63	160	42
100	190	190	76	250	200	168	32	3	4-Φ25	22	94	110		204	140	255	140	63	160	50
125	200	200	86	295	240	202	36	3	4-Φ30	27	118	135		224	155	265	150	84	200	65
150	210	210	100	340	280	240	38	3	4-Φ34	30	142	161		265	185	310	200	108	300	70
200	230	230	116	405	345	300	44	3	8-Φ34	30	198	222	36	285	215	328	240	152	400	165
250	250	250	128	470	400	352	48	3	8-Φ41	36	246	278	42	325	265	376	300	168	450	270
300	270	270	150	530	460	412	54	4	12-Φ41	36	294	330	42	375	295	428	320	192	500	382
350	290	290	165	595	525	475	60	4	12-Φ41	36	342	382	42	415	330	472	168	237	350#	455
400	310	310	175	670	585	525	66	4	12-Φ48	42	368	432	50	452	370	525	168	237	350#	630
500	350	350	195	800	705	640	70	4	16-Φ54	28	485	535	56	625	430	732	168	237	350#	1210
600	390	390	215	930	820	750	76	5	16-Φ58	52	585	636	60	675	492	793	168	237	350#	1850

主要连接尺寸及重量 Main connecting dimensions and weights

公称口径 Nominal diameter	标准值 Standard value													参考值 Reference value						
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0	W(Kg)*
DN(mm)	PN10.0(MPa) JB79 (DN450~600GB9113.8-88)																			
80	180	180	85	230	180	148	34	3	4-Φ25	22	75	90	36	250	185	315	140	63	160	50
100	190	190	90	265	210	172	38	3	4-Φ30	27	92	110	42	341	210	385	140	63	160	60
125	200	200	100	310	250	210	42	3	4-Φ34	30	112	135	42	398	240	439	200	108	300	95
150	210	210	120	350	290	250	46	3	8-Φ34	30	136	161	50	425	266	465	240	152	400	125
200	230	230	138	430	360	312	54	3	8-Φ41	36	190	222	56	445	316	538	300	168	450	200
250	250	250	152	500	430	382	60	3	8-Φ41	36	236	278	56	536	345	658	320	192	500	290
300	270	270	176	585	500	442	70	4	12-Φ48	42	284	330	48	615	395	755	168	237	350#	390
350	290	290	182	655	560	498	76	4	12-Φ54	48	332	382	48	675	420	780	168	237	350#	465
400	310	310	204	715	620	558	80	4	12-Φ54	48	376	432	56	820	470	878	168	237	350#	650
450	330	330	212	745	654	533.4	83	7	16-Φ45	42	425	484		853	520	926	785	30	450#	930
500	350	350	232	815	724	584.4	89	7	20-Φ45	42	475	535		946	570	1024	785	30	450#	1235
600	390	390	248	940	838	692.2	102	7	20-Φ52	48	575	636		998	625	1121	785	30	450#	1890

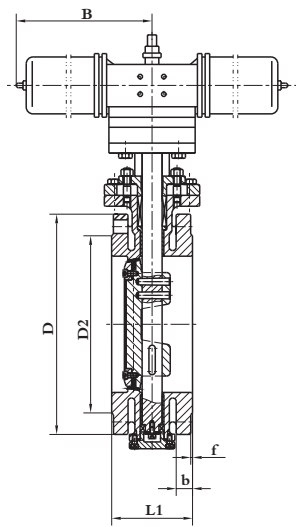
注: 1. #配二级蜗轮手动执行机构。2. *参考重量仅列出法兰连接蝶阀的重量。

Note: 1.# Equipped with two step worm gear actuator.

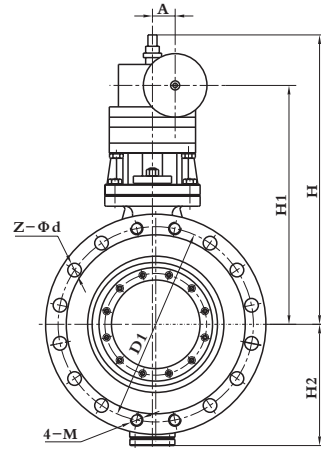
2. *Only weights of flange connected valves are listed as reference weights.



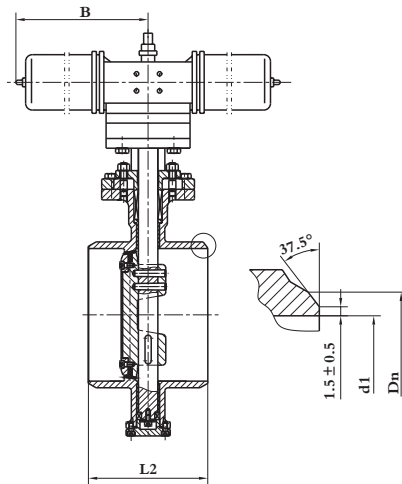
DH643H DH663H DH673H气动蝶阀
DH643H DH663H DH673H pneumatic actuator butterfly valve



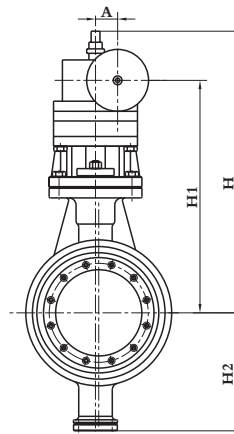
DH643H型法兰连接蝶阀



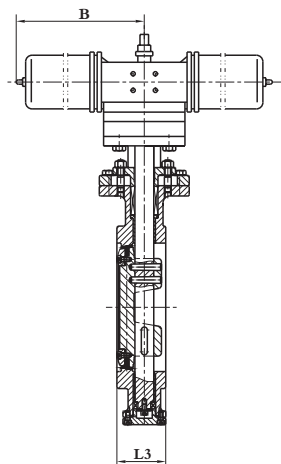
DH643H type flange connection butterfly valve



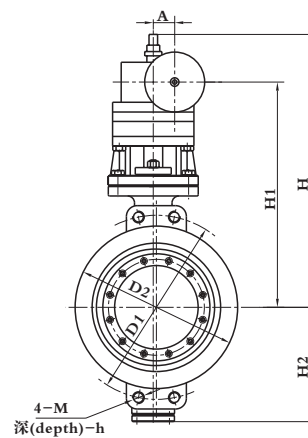
DH663H型焊接连接蝶阀



DH663H type weld connection butterfly valve



DH673H型对夹连接蝶阀



DH673H type wafer connection butterfly valve



气动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of pneumatic actuator butterfly valve

公称通径 Nominal diameter	标准值 Standard value													参考值 Reference value						气动装置型号 Pneumatic actuator
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	W(Kg)*	
DN(mm)	PN1.6(MPa)																			
200	152	230	89	340	295	266	24	3	8-Φ22	20	202	222		327	205	487	70	275	115	AW13
250	165	250	114	405	355	319	26	3	8-Φ26	24	254	278	25	357	235	514	70	275	135	AW13
300	178	270	114	460	410	370	28	4	8-Φ26	24	303	330	26	474	275	683	95	377.5	158	AW17
350	190	290	127	520	470	429	30	4	12-Φ26	24	351	382	27	517	309	726	95	377.5	189	AW17
400	216	310	140	580	525	480	32	4	12-Φ30	27	398	432	28	594	346	838	115	530	265	AW20
450	222	330	152	640	585	584	34	4	16-Φ30	27	450	484	30	634	392	878	158	530	295	AW20
500	229	350	152	715	650	609	36	4	16-Φ33	30	501	535	32	666	427	910	158	530	405	AW20
600	267	390	178	840	770	720	38	4	16-Φ36	33	602	636	33	829	509	1134	158	680	607	AW28
700	292	430	229	910	840	794	40	5	20-Φ36	33	692	726	35	907	572	1212	158	680	1085	AW28
800	318	470	241	1025	950	901	42	5	20-Φ39	36	792	826	36	971	638	1276	158	680	1482	AW28

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter	标准值 Standard value													参考值 Reference value						气动装置型号 Pneumatic actuator
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	W(Kg)*	
DN(mm)	PN2.5(MPa)																			
200	152	230	89	360	310	274	30	3	8-Φ26	24	202	222	27	367	215	524	70	275	125	AW13
250	165	250	114	425	370	330	32	3	8-Φ30	27	254	278	27	443	247	652	95	377.5	146	AW17
300	178	270	114	485	430	389	34	4	12-Φ30	27	303	330	27	492	288	701	95	377.5	208	AW17
350	190	290	127	555	490	448	38	4	12-Φ33	30	351	382	32	576	333	820	115	530	236	AW20
400	216	310	140	620	550	503	40	4	12-Φ36	33	398	432	32	601	359	845	115	530	331	AW20
450	222	330	152	670	640	548	42	4	16-Φ36	33	450	484	35	640	405	884	115	530	369	AW20
500	229	350	152	730	660	609	44	4	16-Φ36	33	500	535	35	702	444	946	115	530	506	AW20
600	267	390	178	845	770	720	46	4	16-Φ39	36	600	636	35	836	521	1141	158	530	759	AW28

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter	标准值 Standard value													参考值 Reference value						气动装置型号 Pneumatic actuator
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	W(Kg)*	
DN(mm)	PN4.0(MPa) (GB9113.5-88)																			
200	230	230	93	375	320	284	34	3	8-Φ30	27	200	222	32	373	221	530	70	275	162	AW13
250	250	250	114	450	385	345	38	3	8-Φ33	30	252	278	32	447	251	656	95	377.5	190	AW17
300	270	270	126	515	450	409	42	4	12-Φ33	30	301	330	35	538	302	782	115	530	270	AW20
350	290	290	128	580	510	465	46	4	12-Φ36	33	351	382	35	573	343	817	115	530	306	AW20
400	310	310	146	660	585	535	50	4	12-Φ39	36	398	432	35	608	380	852	115	530	430	AW20
450	330	330	173	685	610	560	50	4	16-Φ39	36	448	484	41	734	423	1039	158	680	480	AW28
500	350	350	186	755	670	615	52	4	16-Φ42	39	495	535	47	764	453	1069	158	680	658	AW28

注：1、#配二级蜗轮手动执行机构。

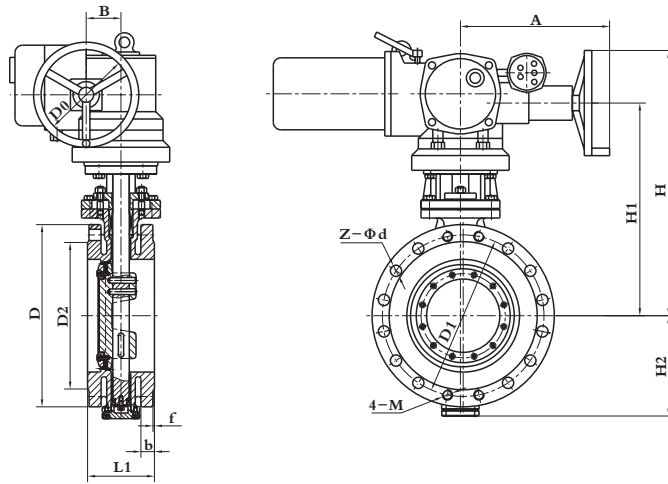
2、*参考重量仅列出法兰连接蝶阀的重量。

Note: 1.# Equipped with two step worm gear actuator.

2. *Only weights of flange connected valves are listed as reference weights.

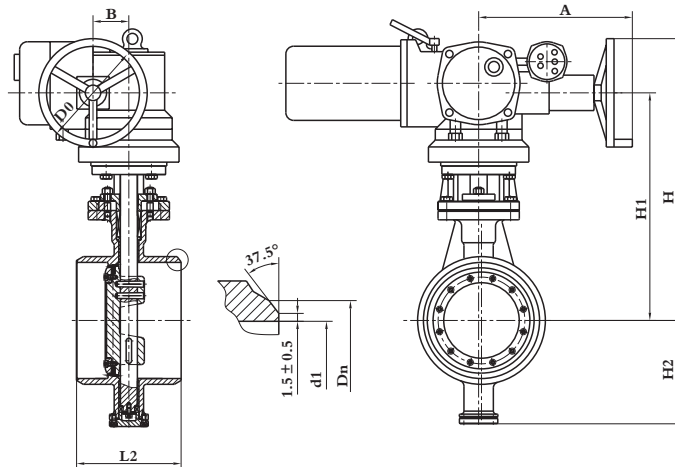


DH943H DH963H DH973H电动蝶阀
DH943H DH963H DH973H electric actuator butterfly valve



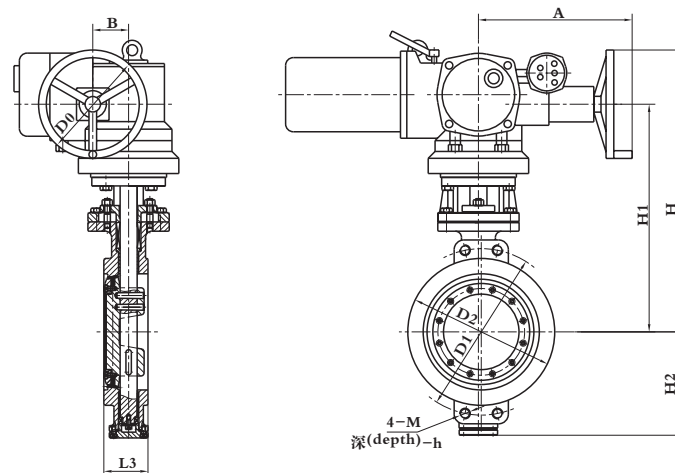
DH943H型法兰连接蝶阀

DH943H type flange connection butterfly valve



DH963H型焊接连接蝶阀

DH963H type weld connection butterfly valve



DH973H型对夹连接蝶阀

DH973H type wafer connection butterfly valve



电动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of electric actuator butterfly valve

公称通径 Nominal diameter	标准值 Standard value												参考值 Reference value							电动装置型号 Electric actuator	
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0		W(Kg)*
DN(mm)	PN0.6(MPa) (JB78)																				
1000	410	550	300	1175	1120	1080	36	5	24-Φ30	27	992	1028	33	918	757	1200	685	358	560	1812	DZW60
1200	470	630	360	1400	1340	1295	40	5	28-Φ34	30	1192	1228	36	1028	851	1225	685	358	560	1990	DZW90(I)
1400	530	710	390	1620	1560	1510	44	5	32-Φ34	30	1392	1428	36	1300	876	1310	685	358	560	2682	DZW120(I)
1600	600	790	440	1820	1760	1710	48	5	36-Φ34	30	1592	1628	36	1425	1095	1412	1065	250	320	3994	DZW250
1800	670	870	490	2045	1970	1910	50	5	40-Φ41	36	1792	1828	42	1555	1214	1565	1065	250	320	5020	DZW250
2000	760	950	540	2265	2180	2110	54	5	44-Φ48	42	1992	2028	50	1720	1332	1675	1175	300	320	6960	DZW500
2200	1000	1000		2475	2390	2330	60	6	48-Φ48	42	2192	2228		1864	1452	2554	1565	300	530	7700	DZW800
2400	1100	1100		2685	2600	2540	62	6	52-Φ48	42	2392	2428		1988	1578	2678	1665	300	500	8900	DZW800
2600	1200	1200		2900	2810	2740	64	6	56-Φ54	48	2592	2628		2168	1706	2858	1665	300	500	10900	DZW800
2800	1300	1300		3110	3020	2950	68	6	60-Φ54	48	2792	2828		2364	1841	3054	1665	300	500	14500	DZW1000
3000	1400	1400		3310	3220	3150	70	6	64-Φ54	48	2992	3028		2485	1960	3175	1665	300	500	16200	DZW1000

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter	标准值 Standard value												参考值 Reference value							电动装置型号 Electric actuator	
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0		W(Kg)*
DN(mm)	PN1.0(MPa)																				
600	267	390	178	780	725	685	28	5	16-Φ30	27	602	636	25	627	499	850	668	329	365	605	DZW30(I)
700	292	430	229	895	840	800	30	5	20-Φ30	27	692	726	26	745	566	1000	668	329	365	855	DZW30(I)
800	318	470	241	1015	950	905	32	5	20-Φ34	30	792	826	28	809	632	1059	685	358	560	1057	DZW60
900	330	510	241	1115	1050	1005	34	5	24-Φ34	30	892	926	30	873	693	1155	685	358	560	1112	DZW60
1000	410	550	300	1230	1160	1115	34	5	24-Φ36	33	992	1028	30	939	757	1220	685	358	560	2032	DZW90(I)
1200	470	630	360	1455	1380	1325	38	5	28-Φ41	36	1192	1228	34	1059	851	1245	685	358	560	2300	DZW120(I)
1400	530	710	390	1675	1590	1525	42	5	32-Φ48	42	1392	1428	38	1324	876	1330	1065	250	320	3083	DZW250
1600	600	790	440	1915	1820	1725	46	5	36-Φ54	48	1592	1628	40	1450	1095	1432	1065	250	320	4404	DZW250
1800	670	870	490	2115	2020	1925	50	5	40-Φ54	48	1792	1828	44	1595	1214	1585	1175	300	530	5725	DZW500
2000	760	950	540	2325	2230	2160	54	5	42-Φ54	48	1992	2028	45	1740	1332	1698	1565	300	500	8040	DZW800

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter	标准值 Standard value												参考值 Reference value							电动装置型号 Electric actuator	
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0		W(Kg)*
DN(mm)	PN1.6(MPa)																				
80	114	180	64	200	160	132	20	3	4-Φ18	16	78	90		265	90	423	178	65		76	DQW10-1
100	127	190	64	220	180	156	22	3	4-Φ18	16	96	110		280	100	438	178	65		85	DQW20-1
125	140	200	70	250	210	184	22	3	4-Φ18	16	121	135		294	113	452	178	65		100	DQW20-1
150	140	210	76	285	240	211	24	3	4-Φ22	20	146	161		320	130	478	178	65		98	DQW20-1
200	152	230	89	340	295	266	24	3	8-Φ22	20	202	222		298	205	542	419	92	365	107	DQW10
250	165	250	114	405	355	319	26	3	8-Φ26	24	245	278	25	328	235	572	419	92	365	134	DQW10
300	178	270	114	460	410	370	28	4	8-Φ26	24	303	330	26	366	275	610	437	108	365	181	DQW20(I)
350	190	290	127	520	470	429	30	4	12-Φ26	24	351	382	27	409	309	653	461	128	365	222	DQW20(I)
400	216	310	140	580	525	480	32	4	12-Φ30	27	398	432	28	445	346	689	473	152	365	262	DQW20(I)
450	222	330	152	640	585	548	34	4	16-Φ30	27	450	484	30	485	392	729	489	168	365	355	DQW30(I)
500	229	350	152	715	650	609	36	4	16-Φ33	30	501	535	32	517	427	761	513	192	365	404	DQW30(I)
600	267	390	178	840	770	720	38	4	16-Φ36	33	602	636	33	627	509	871	668	329	365	607	DQW30(I)
700	292	430	229	910	840	794	40	5	20-Φ36	33	692	726	35	745	572	1015	668	329	365	1048	DQW60
800	318	470	241	1025	950	901	42	5	20-Φ39	36	792	836	36	809	638	1079	685	358	560	1481	DQW60
900	330	510	241	1125	1050	1001	44	5	24-Φ39	36	892	926	40	873	700	1174	685	358	560	1876	DQW90(I)
1000	410	550	300	1255	1170	1112	46	5	24-Φ42	39	992	1028	41	939	768	1240	685	358	560	2466	DQW90(I)
1200	470	630	360	1485	1390	1328	52	5	28-Φ48	45	1192	1228	48	1059	860	1263	685	358	560	3360	DQW120(I)
1400	530	710	390	1685	1590	1530	58	5	32-Φ48	45	1392	1428	52	1324	986	1350	1065	250	320	4027	DQW250
1600	600	790	440	1930	1820	1750	64	5	36-Φ56	52	1592	1628	58	1450	1106	1450	1065	250	320	5910	DQW250
1800	670	870	490	2130	2020	1950	68	5	40-Φ56	52	1792	1828	62	1595	1226	1600	1175	300	530	6590	DQW250
2000	760	950	540	2345	2230	2150	70	5	44-Φ62	56	1992	2028	63	1740	1345	1720	1565	300	500	8985	DQW800

注：*参考重量仅列出法兰连接蝶阀的重量。

Note: *Only weights of flange connected valves are listed as reference weights.



电动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of electric actuator butterfly valve

公称通径 Nominal diameter	标准值 Standard value												参考值 Reference value							电动装置型号 Electric actuator	
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0		W(Kg)*
DN(mm)	PN2.5(MPa)																				
80	114	180	64	200	160	132	24	3	4-Φ18	16	78	90		186	90	423	178	65		78	DQW20-1
100	127	190	64	235	190	156	24	3	4-Φ22	20	96	110		201	106	446	178	65		83	DQW20-1
125	140	200	70	270	220	184	26	3	4-Φ26	24	121	135		211	122	462	178	65		105	DQW20-1
150	140	210	76	300	250	211	28	3	4-Φ26	24	146	161		243	136	474	178	65		110	DQW20-1
200	152	230	89	360	310	274	30	3	8-Φ26	24	202	222	27	270	215	547	419	92	365	120	DZW15
250	165	250	114	425	370	330	32	3	8-Φ30	27	254	278	27	302	247	579	419	92	365	140	DZW15
300	178	270	114	485	430	389	34	4	12-Φ30	27	303	330	27	358	288	628	437	108	365	199	DZW30(I)
350	190	290	127	555	490	448	38	4	12-Φ33	30	351	382	32	421	333	671	437	108	365	227	DZW30(I)
400	216	310	140	620	550	503	40	4	12-Φ36	33	398	432	32	434	359	696	461	128	365	283	DZW30(I)
450	222	330	152	670	640	548	42	4	16-Φ36	33	450	484	35	473	405	735	473	152	365	369	DZW30(I)
500	229	350	152	730	660	609	44	4	16-Φ36	33	500	535	35	551	444	797	489	168	365	460	DZW30(I)
600	267	390	178	845	770	720	46	4	16-Φ39	36	600	636	35	674	521	878	513	192	560	687	DZW60
700	292	430	229	960	875	820	50	5	20-Φ42	39	690	726	35	758	586	1052	685	358	560	1247	DZW90(I)
800	318	470	241	1085	990	928	54	5	20-Φ48	45	790	826	41	823	659	1123	685	358	560	1630	DZW120(I)
900	330	510	241	1185	1090	1028	58	5	24-Φ48	45	890	926	47	884	720	1195	1065	250	320	2230	DZW250
1000	410	550	300	1320	1210	1140	62	5	24-Φ56	52	990	1028	47	942	780	1260	1065	250	320	2590	DZW250
1200	470	630	360	1530	1420	1350	70	5	28-Φ56	52	1190	1228	60	1054	889	1295	1175	300	530	3744	DZW500
1400	530	710	390	1755	1640	1560	76	5	32-Φ62	56	1390	1428	64	1162	1000	1375	1565	300	530	4368	DZW800

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter	标准值 Standard value												参考值 Reference value							电动装置型号 Electric actuator	
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0		W(Kg)*
DN(mm)	PN4.0(MPa) (GB9113.5-88)																				
80	180	180	64	200	160	132	24	3	4-Φ18	16	78	90		242	108	423	178	65		80	DQW20-1
100	190	190	64	235	190	156	24	3	4-Φ22	20	96	100		204	108	446	178	65		95	DQW20-1
125	200	200	70	270	220	184	26	3	4-Φ26	24	120	135		214	120	462	178	65		105	DQW30-1
150	210	210	76	300	250	211	28	3	4-Φ26	24	145	161		259	135	474	178	65		108	DQW30-1
200	230	230	93	375	320	284	34	3	8-Φ30	27	200	222	32	276	202	553	419	92	365	195	DZW20(I)
250	250	250	114	450	385	345	38	3	8-Φ33	30	252	278	32	313	235	583	419	92	365	268	DZW20(I)
300	270	270	126	515	450	409	42	4	12-Φ33	30	301	330	35	363	280	633	437	108	365	376	DZW30(I)
350	290	290	128	580	510	465	46	4	12-Φ36	33	351	382	35	406	315	668	437	108	365	472	DZW30(I)
400	310	310	146	660	585	535	50	4	12-Φ39	36	398	432	35	441	355	703	461	128	365	560	DZW30(I)
450	330	330	173	685	610	560	50	4	16-Φ39	36	448	484	41	523	370	769	473	152	365	715	DZW30(I)
500	350	350	186	755	670	615	52	4	16-Φ42	39	495	535	47	597	420	825	560	248	560	890	DZW60
600	390	390	211	890	795	735	60	5	16-Φ48	45	595	636	56	662	490	924	584	272	560	1304	DZW90(I)

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter	标准值 Standard value												参考值 Reference value							电动装置型号 Electric actuator	
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0		W(Kg)*
DN(mm)	PN6.4(MPa) (JB79)																				
80	180	180	70	210	170	140	30	3	4-Φ23	20	77	90		242	120	423	178	65		72	DQW20-1
100	190	190	76	250	200	168	32	3	4-Φ25	22	94	110		204	140	438	178	65		80	DQW20-1
125	200	200	86	295	240	202	36	3	4-Φ30	27	118	135		214	155	452	178	65		98	DQW30-1
150	210	210	100	340	280	240	38	3	4-Φ34	30	142	161		259	185	474	178	65		102	DZW30(I)
200	230	230	116	405	345	300	44	3	8-Φ34	30	198	222	36	285	215	580	419	92	365	230	DZW30(I)
250	250	250	128	470	400	352	48	3	8-Φ41	36	246	278	42	325	265	620	437	108	365	330	DZW30(I)
300	270	270	150	530	460	412	54	4	12-Φ41	36	294	330	42	375	295	755	437	108	560	492	DZW45(I)
350	290	290	165	595	525	475	60	4	12-Φ41	36	342	382	42	415	330	795	461	128	560	565	DZW45(I)
400	310	310	175	670	585	525	66	4	12-Φ48	42	368	432	50	452	370	832	473	152	560	742	DZW60(I)
500	350	350	195	800	705	640	70	4	16-Φ54	48	485	535	56	625	430	1040	560	248	560	1350	DZW90
600	390	390	215	930	820	750	76	5	16-Φ58	52	585	636	60	675	492	1090	584	272	560	1990	DZW120(I)

主要连接尺寸及重量 Main connecting dimensions and weights

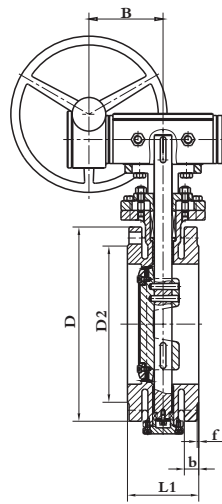
公称通径 Nominal diameter	标准值 Standard value												参考值 Reference value							电动装置型号 Electric actuator	
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0		W(Kg)*
DN(mm)	PN10.0(MPa) JB79(DN450~600 GB9113.8-88)																				
80	180	180	85	230	180	148	34	3	4-Φ25	22	75	90		108	185	423	178	65		80	DQW20-1
100	190	190	90	265	210	172	38	3	4-Φ30	27	92	110		108	210	438	178	65		90	DQW20-1
125	200	200	100	310	250	210	42	3	4-Φ34	30	112	135		120	240	452	178	65		128	DQW30-1
150	210	210	120	350	290	250	46	3	8-Φ34	30	136	161	36	135	266	474	178	65		155	DQW30-1
200	230	230	138	430	360	312	54	3	8-Φ41	36	190	222	42	445	318	740	437	108	365	265	DZW30(I)
250	250	250	152	500	430	382	60	3	8-Φ41	36	236	278	42	536	345	830	437	108	365	355	DZW30(I)
300	270	270	176	585	500	442	70	4	12-Φ48	42	284	330	50	615	395	995	560	248	560	500	DZW45(I)
350	290	290	182	655	560	498	76	4	12-Φ54	48	332	382	56	675	420	1055	560	248	560	576	DZW60
400	310	310	204	715	620	558	80	4	12-Φ54	48	376	432	56	820	470	1235	584	272	560	790	DZW90
450	330	330	212	745	654	533.4	83	7	16-Φ45	42	425	484	48	853	520	1268	584	272	560	1070	DZW120
500	350	350	232	815	724	584.2	89	7	20-Φ45	42	475	535	48	946	570	1360	584	272	560	1375	DZW120
600	390	390	248	940	838	692.2	102	7	20-Φ52	48	575	636	56	998	625	1430	584	272	320	2500	DZW180

注：*参考重量仅列出法兰连接蝶阀的重量。

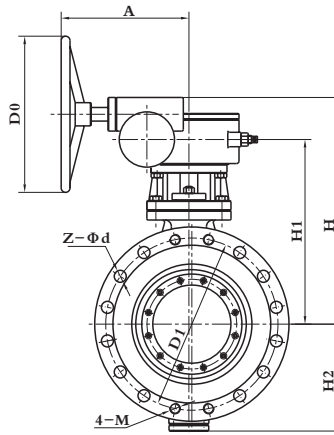
Note: *Only weights of flange connected valves are listed as reference weights.



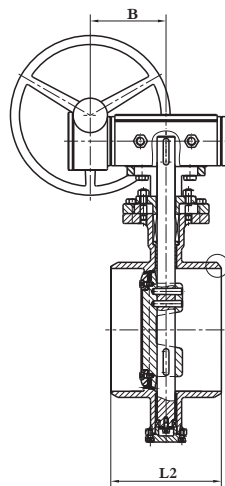
DH343H DH363H DH373H 蜗轮动美标磅级蝶阀
DH343H DH363H DH373H Worm gear actuator ANSI class butterfly valve



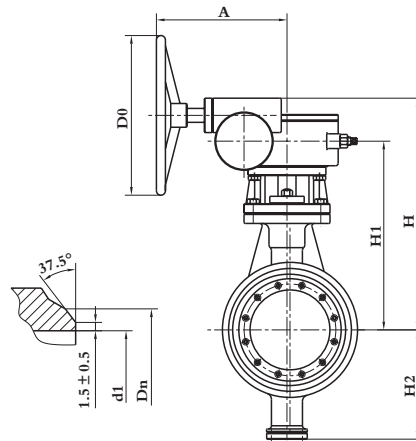
DH343H型法兰连接蝶阀



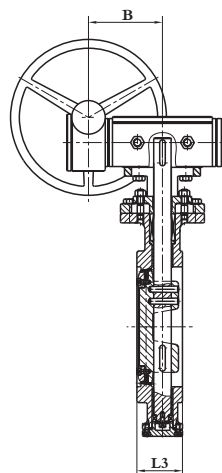
DH343H type flange connection butterfly valve



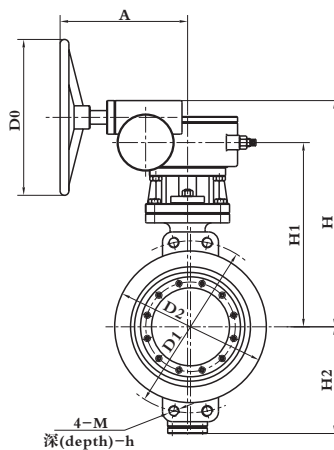
DH363H型焊接连接蝶阀



DH363H type weld connection butterfly valve



DH373H型对夹连接蝶阀



DH373H type wafer connection butterfly valve



蜗轮传动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of worm-gear actuator butterfly valve

公称通径 Nominal diameter	标准值 Standard value													参考值 Reference value							
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0	W(Kg)*	
in	mm	ANSI 150Lb																			
3	80	114	114	48	190	152.5	127	19	3	4-Φ18	16	78.1	89.1	22	186	90	230	140	63	160	32
4	100	127	127	54	229	190.5	157	24	3	4-Φ18	16	102.3	114.3	22	195	100	239	140	63	160	40
5	125	140	140	55	254	216	186	24	3	4-Φ18	16	126.6	139.8	25	208	113	252	140	63	160	48
6	150	140	140	57	279	241.5	216	26	3	4-Φ22	20	151	165.2	25	240	130	284	140	63	160	51
8	200	152	152	64	343	298.5	270	29	3	8-Φ22	20	199.9	216.3	25	265	202	307	150	84	200	95
10	250	165	165	70	406	362	324	31	3	8-Φ26	24	248.8	267.4	27	295	235	337	150	84	200	120
12	300	178	178	81	483	432	381	32	4	8-Φ26	24	297.9	318.5	27	340	280	392	200	108	250	156
14	350	190	190	92	533	476	413	35	4	12-Φ26	24	333.4	355.6	27	383	315	435	200	108	300	193
16	400	216	216	102	597	540	470	37	4	12-Φ30	27	381.0	406.4	32	427	355	481	240	152	400	227
18	450	222	222	114	635	578	533	40	4	16-Φ30	27	428.6	457.2	32	467	370	521	240	152	400	280
20	500	229	229	127	699	635	584	43	4	16-Φ33	30	477.8	508	35	499	406	568	300	168	450	355
24	600	267	267	154	813	749.5	692	48	4	16-Φ36	33	574.8	609.6	41	618	464	698	320	192	500	538
28	700	292	292	229	927	846	794	52	5	20-Φ36	33			41	745	560	903	237	168	350#	953
32	800	318	318	241	1060.5	978	908	57	5	20-Φ39	36			41	809	630	976	237	168	350#	1286
34	900	330	330	241	1168	1086	1022	60.3	5	24-Φ39	36			41	873	697	1031	237	168	350#	1659
42	1050	410	410	300	1346	1257	1194	66.7	5	24-Φ42	39			46	964	777	1122	237	168	350#	2200

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter	标准值 Standard value													参考值 Reference value							
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0	W(Kg)*	
in	mm	ANSI 300Lb																			
3	80	180	180	48	210	168.5	127	29	3	4-Φ18	16	78.1	89.1	25	242	108	286	140	63	160	30
4	100	190	190	54	254	200	157	32	3	4-Φ22	20	102.3	114.3	25	204	108	248	140	63	160	38
5	125	200	200	55	279	235	186	35	3	4-Φ26	24	126.6	139.8	25	214	120	258	140	63	160	45
6	150	210	210	59	318	270	216	37	3	4-Φ26	24	151	165.2	25	259	135	301	150	84	200	48
8	200	230	230	73	381	330	270	42	3	8-Φ26	24	199.9	216.3	32	276	202	318	150	84	200	128
10	250	250	250	83	445	387.5	324	48	3	8-Φ30	27	248.8	267.4	35	313	235	365	200	108	250	205
12	300	270	270	92	521	451	381	51	4	12-Φ30	27	297.9	318.5	35	363	280	415	200	108	300	311
14	350	290	290	117	584	514.5	413	54	4	12-Φ33	30	333.4	355.6	35	406	315	458	240	152	400	407
16	400	310	310	133	684	571.5	470	58	4	12-Φ36	33	381.0	406.4	41	441	355	510	300	168	450	495
18	450	330	330	149	711	628.5	533	61	4	16-Φ36	33	428.6	457.2	41	523	370	591	320	192	500	650
20	500	350	350	159	775	686	584	64	4	16-Φ36	33	477.8	508	47	602	420	740	168	237	350#	750
24	600	390	390	181	914	813	692	70	4	16-Φ39	36	574.8	609.6	53	695	490	833	168	237	350#	1165

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter	标准值 Standard value													参考值 Reference value							
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0	W(Kg)*	
in	mm	ANSI 600Lb																			
3	80	180	180	64	210	168	127	32	3	4-Φ25	22	73.9	89.1	25	250	185	315	140	63	160	50
4	100	190	190	64	273	216	157	38	3	4-Φ30	27	97.1	114.3	27	341	210	385	140	63	160	60
5	125	200	200	70	330	266.5	186	45	3	4-Φ34	30	120.5	139.8	30	398	240	439	200	108	300	95
6	150	210	210	76	356	292	216	48	3	8-Φ34	30	143	165.2	30	425	266	465	240	152	400	125
8	200	230	230	89	419	349	270	56	3	8-Φ41	36	190.9	216.3	35	445	318	538	300	168	450	200
10	250	250	250	114	508	332	324	64	3	8-Φ41	36	237.2	267.4	38	536	345	658	320	192	500	290
12	300	270	270	127	559	489	381	67	4	12-Φ48	42	283.7	318.5	38	615	395	755	168	237	350#	390
14	350	290	290	140	603	527	413	70	4	12-Φ54	48	317.6	355.6	41	675	420	780	168	237	350#	465
16	400	310	310	152	686	603	470	77	4	12-Φ54	48	363.6	406.4	44	820	470	878	168	237	350#	650

注：1、#配二级蜗轮手动执行机构。

2、上述表内尺寸为公制mm，换算为英制除以25.4mm即可。

3、*参考重量仅列出法兰连接蝶阀的重量。

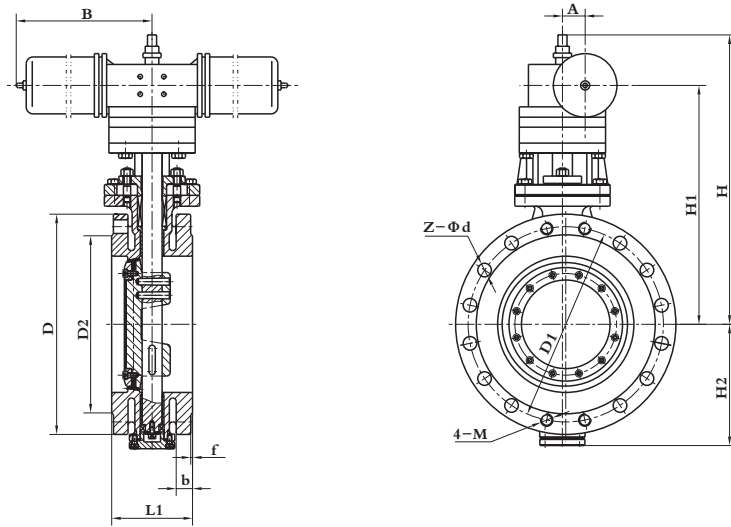
Note: 1.# Equipped with two step worm gear actuator.

2.The metric system is used in the above forms and may be changed into British system if divided by 25.4.

3. *Only weights of flange connected valves are listed as reference weights.

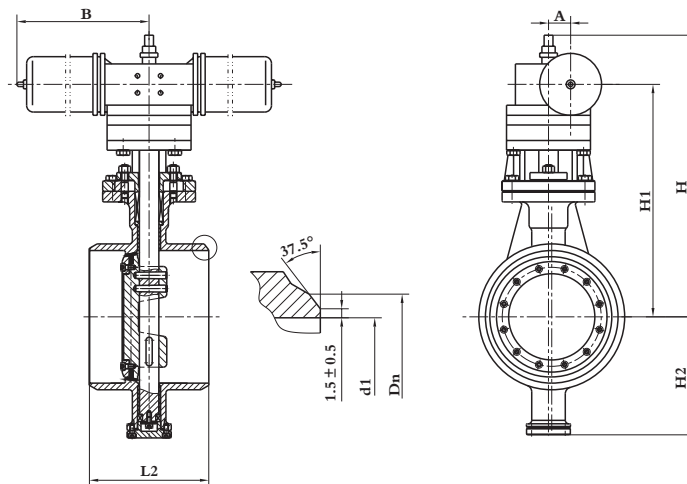


DH643H DH663H DH673H气动美标磅级蝶阀
DH643H DH663H DH673H pneumatic actuator ANSI class butterfly valve



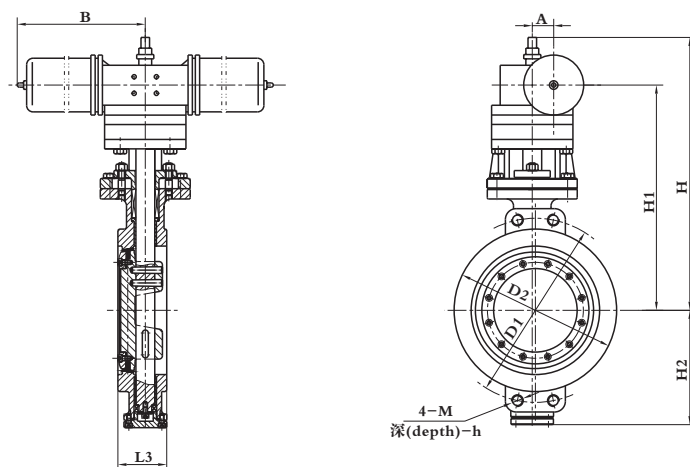
DH643H型法兰连接蝶阀

DH643H type flange connection butterfly valve



DH663H型焊接连接蝶阀

DH663H type weld connection butterfly valve



DH673H型对夹连接蝶阀

DH673H type wafer connection butterfly valve



气动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of pneumatic actuator butterfly valve

公称通径 Nominal diameter		标准值 Standard value													参考值 Reference valve					气动装置型号 Pneumatic actuator	
		L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B		W(Kg) *
in	mm	ANSI 150Lb																			
8	200	152	152	64	343	298.5	270	29	3	8-Φ22	20	199.9	216.3	25	327	205	487	70	275	115	AW13
10	250	165	165	70	406	362	324	31	3	8-Φ26	24	248.8	267.4	27	357	235	514	70	275	135	AW13
12	300	178	178	81	483	432	381	32	4	8-Φ26	24	297.9	318.5	27	474	275	683	95	377.5	158	AW17
14	350	190	190	92	533	476	413	35	4	12-Φ26	24	333.4	355.6	27	517	309	726	95	377.5	189	AW17
16	400	216	216	102	597	540	470	37	4	12-Φ30	27	381.0	406.4	32	594	346	838	115	530	265	AW20
18	450	222	222	114	635	578	533	40	4	16-Φ30	27	428.6	457.2	32	634	392	878	115	530	295	AW20
20	500	229	229	127	699	635	584	43	4	16-Φ33	30	477.8	508	35	666	427	910	115	530	405	AW20
24	600	267	267	154	813	749.5	692	48	4	16-Φ36	33	574.8	609.6	41	829	509	1134	158	680	607	AW28
28	700	292	292	229	927	846	794	52	5	20-Φ36	33			41	907	572	1212	158	680	1085	AW28
32	800	318	318	241	1060.5	978	908	57	5	20-Φ39	36			41	971	638	1276	158	680	1482	AW28

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter		标准值 Standard value													参考值 Reference valve					气动装置型号 Pneumatic actuator	
		L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B		W(Kg) *
in	mm	ANSI 300Lb																			
8	200	230	230	73	381	330	270	42	3	8-Φ26	24	199.9	216.3	32	373	221	530	70	275	162	AW13
10	250	250	250	83	445	387.5	324	48	3	8-Φ30	27	248.8	267.4	35	447	251	656	95	377.5	190	AW17
12	300	270	270	92	521	451	381	51	4	12-Φ30	27	297.9	318.5	35	538	302	782	115	530	270	AW20
14	350	290	290	117	584	514.5	413	54	4	12-Φ33	30	333.4	355.6	35	573	343	817	115	530	306	AW20
16	400	310	310	133	648	571.5	470	58	4	12-Φ36	33	381.0	406.4	41	608	380	852	115	530	430	AW20
18	450	330	330	149	711	628.5	533	61	4	16-Φ36	33	428.6	457.2	41	734	423	1039	680	680	480	AW28
20	500	350	350	159	775	686	584	64	4	16-Φ36	33	477.8	508	47	764	453	1060	680	680	658	AW28

注：1、#配二级蜗轮手动执行机构。

2、上述表内尺寸为公制mm，换算为英制除以25.4mm即可。

3、*参考重量仅列出法兰连接蝶阀的重量。

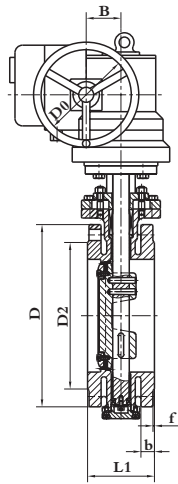
Note: 1.# Equipped with two step worm gear actuator.

2.The metric system is used in the above forms and may be changed into British system if divided by 25.4.

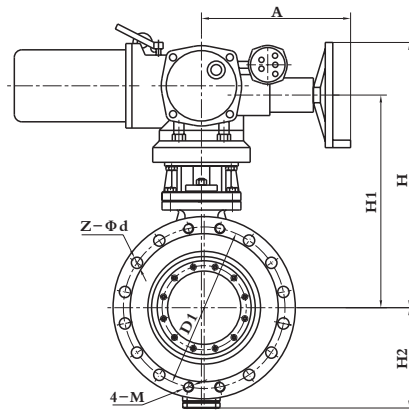
3. *Only weights of flange connected valves are listed as reference weights.



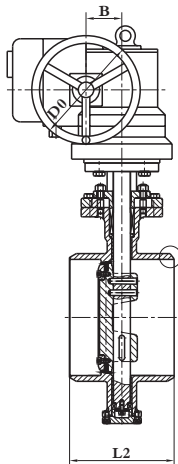
DH943H DH963H DH973H 电动美标磅级蝶阀
DH943H DH963H DH973H Electric actuator ANSI class butterfly valve



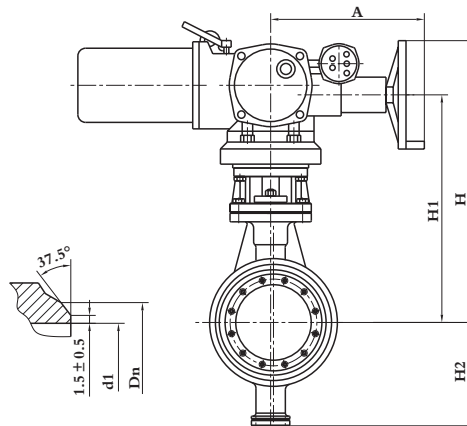
DH943H型法兰连接蝶阀



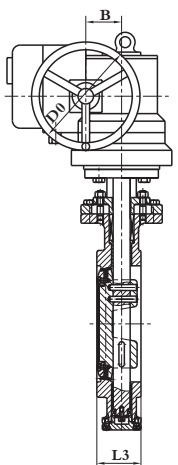
DH943H type flange connection butterfly valve



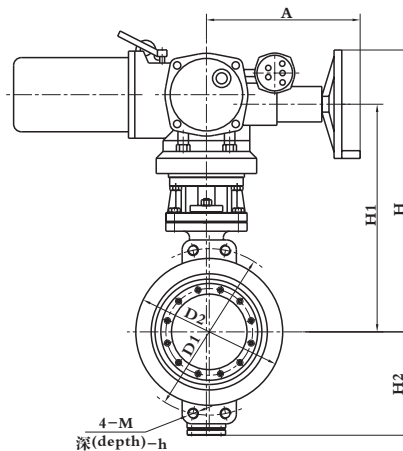
DH963H型焊接连接蝶阀



DH963H type weld connection butterfly valve



DH973H型对夹连接蝶阀



DH973H type wafer connection butterfly valve



电动蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of electric actuator butterfly valve

公称通径 Nominal diameter		标准值 Standard value													参考值 Reference valve						电动装 置型号 Electric actuator	
		L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0		W(Kg)*
in	mm	ANSI 150Lb																				
3	80	114	114	48	190	152.5	127	19	3	4-Φ18	16	78.1	89.1	22	265	90	423	178	65		76	DQW10-1
4	100	127	127	54	229	190.5	157	24	3	4-Φ18	16	102.3	114.3	22	280	100	438	178	65		85	DQW20-1
5	125	140	140	55	254	216	186	24	3	4-Φ18	16	126.6	139.8	25	294	113	452	178	65		100	DQW20-1
6	150	140	140	57	279	241.5	216	26	3	4-Φ22	20	151	165.2	25	320	130	478	178	65	365	98	DQW20-1
8	200	152	152	64	343	298.5	270	29	3	8-Φ22	20	199.9	216.3	25	298	205	542	419	92	365	107	DZW10
10	250	165	165	70	406	362	324	31	3	8-Φ26	24	248.8	267.4	27	328	235	572	419	92	365	134	DZW10
12	300	178	178	81	483	432	381	32	4	8-Φ26	24	297.9	318.5	27	366	275	610	437	108	365	181	DZW20(I)
14	350	190	190	92	533	476	413	35	4	12-Φ26	24	333.4	355.6	27	409	309	653	467	128	365	222	DZW20(I)
16	400	216	216	102	597	540	470	37	4	12-Φ30	27	381.0	406.4	32	445	346	689	473	152	365	262	DZW30(I)
18	450	222	222	114	635	578	533	40	4	16-Φ30	27	428.6	457.2	32	485	392	729	489	168	365	355	DZW30(I)
20	500	229	229	127	699	635	584	43	4	16-Φ33	30	477.8	508	35	517	427	761	513	192	365	404	DZW30(I)
24	600	267	267	154	813	749.5	692	48	4	16-Φ36	33	574.8	609.6	41	627	509	871	668	329	365	607	DZW30(I)
28	700	292	292	229	927	846	794	52	5	20-Φ36	33			41	745	572	1015	668	358	560	1084	DZW60
32	800	318	318	241	1060.5	978	908	57	5	20-Φ39	36			41	809	638	1079	685	358	560	1481	DZW60
34	900	330	330	241	1168	1086	1022	60.3	5	24-Φ39	36			41	873	700	1174	685	358	560	1876	DZW(I)
42	1050	410	410	300	1346	1257	1194	66.7	5	24-Φ42	39			46	964	765	1265	685	358	560	2466	DZW(I)

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter		标准值 Standard value													参考值 Reference valve						电动装 置型号 Electric actuator	
		L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0		W(Kg)*
in	mm	ANSI 300Lb																				
3	80	180	180	48	210	168.5	127	29	3	4-Φ18	16	78.1	89.1	25	242	108	423	178	65		80	DQW20-1
4	100	190	190	54	254	200	157	32	3	4-Φ22	20	102.3	114.3	25	204	108	446	178	65		95	DQW20-1
5	125	200	200	55	279	235	186	35	3	4-Φ26	24	126.6	139.8	25	214	120	462	178	65		105	DQW30
6	150	210	210	59	318	270	216	37	3	4-Φ26	24	151	165.2	25	259	135	474	178	65	365	108	DQW30
8	200	230	230	73	381	330	270	42	3	8-Φ26	24	199.9	216.3	32	309	202	553	419	92	365	195	DZW20(I)
10	250	250	250	83	445	387.5	324	48	3	8-Φ30	27	248.8	267.4	35	339	235	583	419	92	365	268	DZW20(I)
12	300	270	270	92	521	451	381	51	4	12-Φ30	27	297.9	318.5	35	389	280	633	437	108	365	376	DZW30(I)
14	350	290	290	117	584	514.5	413	54	4	12-Φ33	30	333.4	355.6	35	424	315	668	437	108	365	472	DZW30(I)
16	400	310	310	133	648	571.5	470	58	4	12-Φ36	33	381.0	406.4	41	459	355	703	461	128	365	560	DZW30(I)
18	450	330	330	149	711	628.5	533	61	4	16-Φ36	33	428.6	457.2	41	525	370	769	473	152	365	715	DZW30(I)
20	500	350	350	159	775	686	584	64	4	16-Φ36	33	477.8	508	47	555	420	825	560	248	365	890	DZW60
24	600	390	390	181	914	813	692	70	4	16-Φ39	36	574.8	609.6	53	654	490	929	584	272	560	1304	DZW90(I)

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter		标准值 Standard value													参考值 Reference valve						电动装 置型号 Electric actuator	
		L1	L2	L3	D	D1	D2	b	f	Z-Φd	M	d1	Dn	h	H1	H2	H	A	B	D0		W(Kg)*
in	mm	ANSI 600Lb																				
3	80	180	180	64	210	168	127	32	3	4-Φ25	22	73.9	89.1	25	108	185	423	178	65		80	DQW20-1
4	100	190	190	64	273	216	157	38	3	4-Φ30	27	97.1	114.3	27	108	210	438	178	65		90	DQW20-1
5	125	200	200	70	330	266.5	186	45	3	4-Φ34	30	120.5	139.8	30	120	240	452	178	65		128	DQW30-1
6	150	210	210	76	356	292	216	48	3	8-Φ34	30	143	165.2	30	135	266	474	178	65		155	DQW30-1
8	200	230	230	89	419	349	270	56	3	8-Φ41	36	190.9	216.3	35	445	318	740	437	108	365	265	DZW30(I)
10	250	250	250	114	508	332	324	64	3	8-Φ41	36	237.2	267.4	38	536	345	830	437	108	365	355	DZW30(I)
12	300	270	270	127	559	489	381	67	4	12-Φ48	42	283.7	318.5	38	615	395	995	560	248	560	500	DZW45(I)
14	350	290	290	140	603	527	413	70	4	12-Φ54	48	317.6	355.6	41	675	420	1055	560	248	560	576	DZW60
16	400	310	310	152	686	603	470	77	4	12-Φ54	48	363.6	406.4	44	820	470	1235	584	272	560	790	DZW90

注：1、上述表内尺寸为公制mm，换算为英制除以25.4mm即可。

2、*参考重量仅列出法兰连接蝶阀的重量。

Note: 1.The metric system is used in the above forms and may be changed into British system if divided by 25.4.

2. *Only weights of flange connected valves are listed as reference weights.



轨道金属密封蝶阀 Track metal sealing butterfly valve

概述

轨道金属密封蝶阀是我公司研制的新产品，独特的结构设计，做到了开关过程无摩擦。关断零泄露的性能特别适合各种苛刻工况的特殊要求，全金属结构设计，防火设计能适应低温-204℃到高温815℃的各种工作温度，本产品经多次的试验，启闭次数可达万次以上，密封面磨损微量且无渗漏。

用途

用于电站传热系统和催化主风机管路系统以及钢铁、石油、化工、食品、医药、饮料、化工环保、水处理、给排水等工业部门，作为介质流通的启闭装置。

结构特点

- 1、密封性能高，防火性能好。
- 2、操作灵活，维修方便。
- 3、密封面磨损小，使用寿命长。
- 4、耐高温、耐腐蚀。

执行标准

- 1、设计与制造 GB12238-89《通用阀门法兰和对夹连接蝶阀》 JB/T8527-1997《金属密封蝶阀》。
- 2、法兰尺寸：
PN=1.0MPa 按JB/T82.1-94(即原标准JB82-59)《凸面对焊钢制管法兰》规定
PN=1.6MPa 按GB9113.3-88《凸面整体钢制管法兰》规定
PN=2.5MPa 按GB9113.4-88《凸面整体钢制管法兰》规定
- 3、结构长度 GB12221-89《法兰连接金属阀门 结构长度》
- 4、检验和试验 GB/T13927-92《通用阀门 压力试验》

General

Track metal seated butterfly valves are new products developed by our company with unique structure design and no friction when opened and/or closed. Its zero leakage performance is particularly suitable for the severe working conditions with special requirements. All metal construction and fireproof design make the said valve to be suitable for use under the temperature range -204℃~815℃. This product has been made many experiments and over one million circles of operation starting and shutting can be guaranteed with minor abrasion and no leakage.

uses

This butterfly valve can be applied as the opener and closer for carrying the media in the power station's thermal supply system ,the main blowing pipe of catalyzing system ,iron ,petroleum ,chemical ,foodstuff ,pharmacy ,beverage ,industrial environment protecting ,water treatment ,drainage and water supplying system and so on .

Structure traits

- 1.Perfect sealing performance and good fire resistance
- 2.Flexible operation and convenient maintenance.
- 3.Few wearing damage to sealing surface and long life span.
- 4.High temperature resistance ,corrosive resistance .

Executive standard

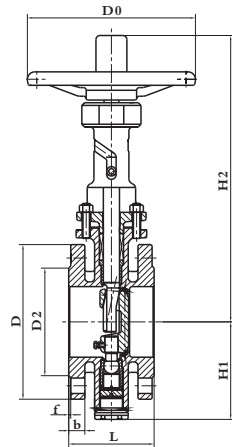
- 1.Design and making: GB12238-89 *General-purposed valve Flange and wafer connection valve* JB/T8527-1997 *Metal sealing valve.*
- 2.Flange size:
PN=1.0MPa according to JB/T82.1-94(former standard JB82-59) *Butt joint connection steel pipe blank flange.*
PN=1.6MPa according to GB9113.3-88 *all-steel pipe blank flange.*
PN=2.5MPa according to GB9113.4-88 *all-steel pipe blank flange.*
- 3.Structure length according to GB12221-89 *Flange connection metal valve Face-to-face length.*
- 4.Test according to GB/T13927-92 *General-purposed valve Pressure test.*

阀体材料代号及适用温度 Code of body material and suitable temperature

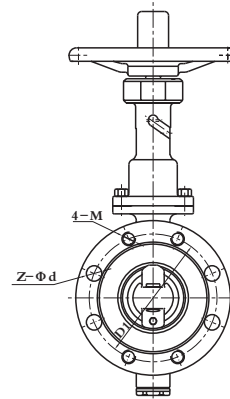
阀体材料 Body material	WCB	XD-3	ZG1Cr5Mo	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M	XD-1
代号 Code	C	XD-3	I	P	R	XD-1
适用温度 Suitable temperature	≤425℃	≤475℃	≤550℃	≤600℃	≤600℃	≤700℃



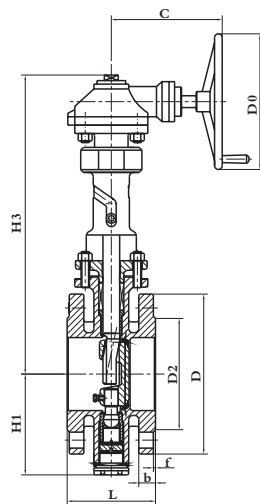
DG41H DG541H DG941H 法兰连接轨道蝶阀
DG41H DG541H DG941H flange connected track butterfly valve



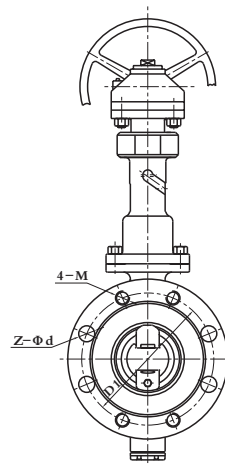
DG41H型手动蝶阀



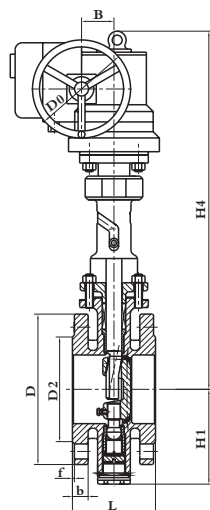
DG41H type manual operation butterfly valve



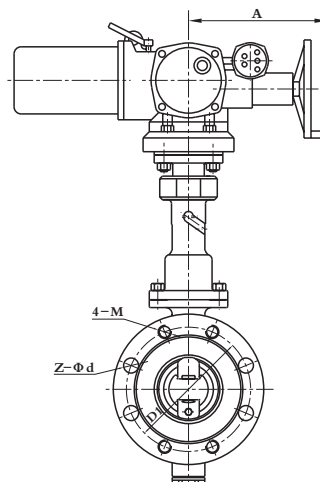
DG541H型伞齿轮传动蝶阀



DG541H type conical gear actuator butterfly valve



DG941H型电动蝶阀



DG941H type electric actuator butterfly valve



主要连接尺寸 Main connecting dimensions

公称通径 Nominal diameter	标准值 Standard value								参考值 Reference value							
	L	D	D1	D2	b	f	Z-Φd	M	H1	H2	H3	H4	D0	A	B	C
DN(mm)	PN1.0/PN1.6(MPa)															
100	127	220	180	155	20/22	3	4-Φ18	M16	145	426	450	550	250	178	65	200
125	140	250	210	185	22	3	4-Φ18	M16	155	495	510	600	250	178	65	200
150	140	285	240	210	22/24	3	4-Φ23	M20	177	526	535	640	300	178	65	250
200	152	340	295	265	22/24	3	4-Φ23/8-Φ22	M20	213	613	642	735	300	419	92	250
250	165	395/405	350/355	320	24/26	3	8-Φ23/8-Φ26	M20/M24	258	628	653	760	350	419	92	300
300	178	445/460	400/410	368	26/28	4	8-Φ23/8-Φ26	M20/M24	285	690	705	810	350	437	108	300
350	190	505/520	460/470	428	26/30	4	12-Φ23/12-Φ26	M20/M24	315	755	776	880	400	461	128	350
400	216	565/580	515/525	482	26/32	4	12-Φ26/12-Φ30	M24/M27	355	810	836	945	400	473	152	350
450	222	615/640	565/585	532/548	26/34	4	16-Φ26/16-Φ30	M24/M27	385	840	862	975	500	789	168	400
500	229	670/715	620/650	585/609	28/36	4	16-Φ26/16-Φ33	M24/M30	418	913	938	1025	500	513	192	400
600	267	780/840	725/770	685/720	28/38	5	16-Φ30/16-Φ36	M27/M33	500	980	998	1110	500	668	329	400

主要连接尺寸 Main connecting dimensions

公称通径 Nominal diameter	标准值 Standard value								参考值 Reference value							
	L	D	D1	D2	b	f	Z-Φd	M	H1	H2	H3	H4	D0	A	B	C
DN(mm)	PN2.5(MPa)															
100	127	235	190	156	24	3	4-Φ22	M20	145	426	450	550	250	178	65	200
125	140	270	220	184	26	3	4-Φ26	M24	155	495	510	600	250	178	65	200
150	140	300	250	211	28	3	4-Φ26	M24	177	526	535	640	300	178	65	250
200	152	360	310	274	30	3	8-Φ26	M24	213	613	642	735	300	419	92	250
250	165	425	370	330	32	3	8-Φ30	M27	258	628	653	760	350	419	92	300
300	178	485	430	389	34	4	12-Φ30	M27	285	690	705	810	350	437	108	300
350	190	555	490	448	38	4	12-Φ33	M30	315	755	776	880	400	461	128	350
400	216	620	550	503	40	4	12-Φ36	M33	355	810	836	945	400	473	152	350
450	222	670	640	548	42	4	16-Φ36	M33	385	840	862	975	500	489	168	400
500	229	730	660	609	44	4	16-Φ36	M33	418	913	938	1025	500	513	192	400
600	267	845	770	720	46	4	16-Φ39	M36	500	980	998	1110	500	668	329	400

主要连接尺寸 Main connecting dimensions

公称通径 Nominal diameter	标准值 Standard value								参考值 Reference value							
	L	D	D1	D2	b	f	Z-Φd	M	H1	H2	H3	H4	D0	A	B	C
DN(mm)	PN4.0(MPa)(GB9113.5-88)															
100	127	235	190	156	24	3	4-Φ22	M20	145	426	450	550	250	178	65	200
125	140	270	220	184	26	3	4-Φ26	M24	155	495	510	600	250	178	65	200
150	140	300	250	211	28	3	4-Φ26	M24	177	526	535	640	300	178	65	250
200	152	375	320	284	34	3	8-Φ30	M27	213	613	642	735	300	419	92	250
250	165	450	385	345	38	3	8-Φ33	M30	258	628	653	760	350	419	92	300
300	178	515	450	409	42	4	12-Φ33	M30	285	690	705	810	350	437	108	300
350	190	580	510	465	46	4	12-Φ36	M33	315	755	776	880	400	461	128	350
400	216	660	585	535	50	4	12-Φ39	M36	355	810	836	945	400	473	152	350
450	222	685	610	560	50	4	16-Φ39	M36	385	840	862	975	500	489	168	400
500	229	755	670	615	52	4	16-Φ42	M39	418	913	938	1025	500	513	192	400
600	267	890	795	735	60	5	16-Φ48	M45	500	980	998	1110	500	668	329	400

主要连接尺寸 Main connecting dimensions

公称通径 Nominal diameter	标准值 Standard value								参考值 Reference value							
	L	D	D1	D2	b	f	Z-Φd	M	H1	H2	H3	H4	D0	A	B	C
DN(mm)	PN6.4(MPa)(JB79)															
100	127	250	200	168	32	3	4-Φ25	M22	145	426	450	550	250	178	65	200
125	140	295	240	202	36	3	4-Φ30	M27	155	495	510	600	250	178	65	200
150	140	340	280	240	38	3	4-Φ34	M30	177	526	535	640	300	178	65	250
200	152	405	345	300	44	3	8-Φ34	M30	213	613	642	735	300	419	92	250
250	165	470	400	352	48	3	8-Φ41	M36	258	628	653	760	350	419	92	300
300	178	530	460	412	54	4	12-Φ41	M36	285	690	705	810	350	437	108	300
350	190	595	525	475	60	4	12-Φ41	M36	315	755	776	880	400	461	128	350
400	216	670	585	525	66	4	12-Φ48	M42	355	810	836	945	400	473	152	350
500	229	800	705	640	70	4	16-Φ54	M48	418	913	938	1025	500	513	192	400
600	267	930	820	750	76	5	16-Φ58	M52	500	980	998	1110	500	668	329	400



高温调控蝶阀(1200℃ SO₂专用蝶阀)

High temperature adjusting and controlling type butterfly valve(1200℃ SO₂ Special-purposed butterfly valve)

产品简介 Brief introduction of products

该产品是特殊设计的高温调节控制阀，产品结构合理，操作方便，使用可靠。操作可用蜗轮蜗杆、电动、气动，满足程控和遥控的需要。

该产品技术成熟，通过省级新产品鉴定，并先后获得国家级重点新产品、科技创新资金项目，国家火炬计划项目及国家专利，专利号：ZL 98 2 17879.4。

产品广泛用于硫磺制酸、以及冶炼、石化系统中的高炉配风、锅炉管道作为控制调节阀使用。

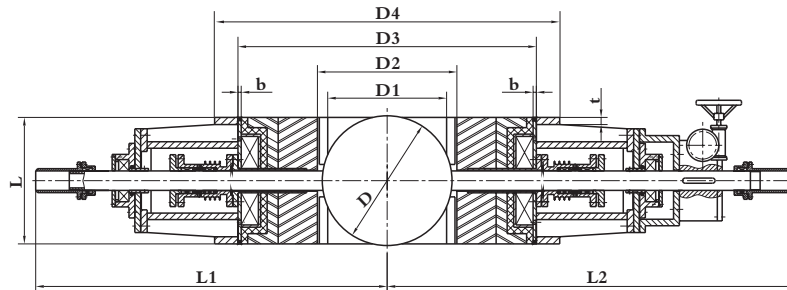
This product is a specially designed high temperature adjusting control valve with rational structure design, convenient operation and reliable use. To meet the demands of program control and remote control, worm gear, electric or pneumatic actuator can be used.

This product is of mature technique, passed province-class new product appraisal, and got national key new product, science & technology innovation capital product and national torch plan project and national patent with patent no. ZL 98 2 17879.4.

The products are broadly used in the furnace pipeline systems of sulfur acid-making, metallurgy, petrochemical industry as adjusting control valves to sulfur controlling and adjusting valves in making acid from vitriol and distributing wind for blast furnace in the system of smelting and petrol chemistry.

技术数据和性能参数 Data of technique and parameter of performance				主要零件材料 Material of main parts			
公称通径 Nominal diameter	公称压力 Nominal pressure	适用温度 Suitable temperature	适用介质 Suitable mediums	阀体 Body	阀板 Disc	阀轴 Stem	填料 Packing
DN200~DN1800 (8" ~70")	0.25MPa	≤1350℃	SO ₂ 气、SO ₃ 气 及其它高温气体 Gas SO ₂ , gas SO ₃ and other high temperature gas	20号钢板内衬复合 耐火材料 20# steel plate inner lined complex fire -resistant material	高温合金 High temperature alloy	高温合金 High temperature alloy	柔性石墨+因 科镍尔 Soft graphite +Inconel

外形及连接尺寸 Figure and connecting dimensions



型号(Type) : HTDQ36P1W-2.5FH

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter		L	D	D1	D2	D3	D4	b	t	L1	L2	重量 Weight (Kg)
DN(mm)	inch											
200	8	290	200	180	220	620	760	20	18	800	890	790
250	10	290	250	230	270	620	760	20	18	800	890	805
300	12	330	300	280	330	820	960	20	18	895	990	1037
350	14	330	350	330	380	820	960	20	18	895	990	1090
400	16	390	400	380	430	920	1064	20	22	954	1146	1516
450	18	390	450	430	480	920	1064	20	21	830	925	1705
500	20	470	500	480	530	1020	1170	30	22	1151	1170	1895
600	24	470	600	580	630	1220	1370	30	22	1220	1460	2274
700	28	540	700	680	750	1444	1648	30	22	1520	1580	2653
800	32	540	800	780	850	1620	1800	30	22	1465	1705	3032
900	36	540	900	870	950	1620	1852	30	24	1465	1795	3411
1000	40	630	1000	960	1030	1740	1950	30	24	1278	1770	3790
1200	48	630	1200	1170	1250	1820	1964	30	26	1550	1570	4548
1400	56	630	1400	1360	1440	2020	2164	30	26	1630	1670	5306
1600	62	630	1600	1560	1640	2220	2370	30	26	1790	1890	6064
1800	70	630	1800	1760	1840	2420	2570	30	26	1898	1990	6984



电动水冷式超高温蝶阀 Electric Actuator Water-cooled Ultra-high Temperature Butterfly Valve

用途:

该阀广泛应用于冶金、化工、建材、电站等行业中的超高温气体管道中，作为高温气体介质流量调节或切断装置，可与各种执行器配套使用组成不同性能设备。

特点:

双水冷结构阀体采用优质碳钢和不锈钢，内腔通水冷却；单水冷结构阀体采用优质碳钢内加隔热层及优质耐火材料，两者蝶板均采用双层优质耐热钢，内腔和轴通水冷却，并在阀出口处设有流量开关报警功能，同时在进出口设有二个流量调节阀。具有耗水量少、耐高温、体积小、转动灵活、使用寿命长、操作维护方便等优点。

性能:

公称压力: 0.1MPa; 额定转角: 0~90° ; 普通型泄漏率: ≤5%; 后座型泄漏率: ≤1%
工作温度: 9: T≤950°C; 10: T≤1050°C; 11: T≤1150°C
12: T≤1250°C; 13: T≤1350°C; (瞬间最高温度: ≤1400°C)
适用介质: 高温烟气或其它含尘高温气体。

型号:

单水冷超高温蝶阀

- ① 调节型: HTDD941Wa-1 (配ZKJ型电动装置或根据用户要求选用电动装置)。
电压: 根据用户选用的执行机构而定220 (或380) V · AC;
输入信号: 0-10 (4-20) mA · DC;
- ② 两位开关型: HTDD941Wb-1 (配Z型电动装置或根据用户要求选用电动装置)。
电压: 380V · AC (或按用户要求);

双水冷超高温蝶阀

- ① 调节型: HTSD941Wa-1 (配ZKT型电动装置或根据用户要求选用电动装置)。
电压: 根据用户选用的执行机构而定220 (或380) V · AC;
输入信号: 0-10 (4-20) mA · DC;
- ② 两位开关型: HTSD941Wb-1 (配Z型电动装置或根据用户要求选用电动装置)。
电压: 380V · AC (或按用户要求);

Scope

The valve is widely used in the ultra-high temperature gas pipeline systems as regulation or cut-off device of high temperature gas mediums in industries of metallurgy, chemical, construction material, electricity, etc. It can also be matched with various actuators to form set equipment of different performances.

Characteristics

Double water-cooled valve body adopts fine carbon steel and stainless steel, whose chamber is water-cooled. single water-cooled valve body adopts carbon steel with heat-isolated layer and fine fire durable material. The disc of both type uses double-layer fine heat resistant steel. internal chamber and shaft are water-cooled, and a flow switch warning device is equipped at the valve outlet. Meanwhile, two flow regulation valves are mounted at the inlet and outlet respectively. As such, it has features of low water consumption, high temperature durable, small volume, flexible rotation, long life and easy maintain.

Properties

Nominal pressure: 0.1MPa; Rated rotary angle: 0~90° ; Leakage rate of general type: ≤5%; Leakage rate of back base: ≤1%
Working temperature: 9: t≤950°C; 10: t≤1050°C; 11: t≤1150°C; 12: t≤1250°C; 13: t≤1350°C (instant max.temperature: ≤1400°C);
Suitable mediums: high temperature fume or dust-contained high temperature gases.

Model

Single water-cooled ultra-high temperature butterfly valve

- ① Regulation type: HTDD941Wa-1 (Equipped with ZKJ electric actuator or with one selected according to user's requirements.)
Voltage: 220 or 380 V · AC dependent on the selected actuator by user.
Input signal: 0-10(4-20)mA · DC
- ② Two position switch type: HTDD941Wb-1 (Equipped with Z-type electric actuator or with one selected according to user's requirements.)
Voltage: 380 V · AC (or one according to user's requirements)

Double water-cooled ultra-high temperature butterfly valve

- ① Regulation type: HTSD941Wa-1 (Equipped with ZKJ electric actuator or with one selected according to user's requirements.)
Voltage: 220 or 380 V · AC dependent on the selected actuator by user.
Input signal: 0-10(4-20)mA · DC
- ② Two position switch type: HTSD941Wb-1 (Equipped with Z-type electric actuator or with one selected according to user's requirements.)
Voltage: 380 V · AC (or one according to user's requirements).



主要零件材料

阀体：采用优质碳钢和不锈钢（根据工作温度而选用不同材料）；
阀杆：优质耐热钢（根据工作温度而选用不同材料）；
蝶板：采用双层优质耐热钢（根据工作温度而选用不同材料）；
填料：柔性石墨。

使用要求

- 1、冷却水消耗量：(0.01~0.03) DNm³/h；
- 2、冷却水压力：0.3MPa的软化水；
- 3、冷却水进口温度：≤30℃；
- 4、用设在进出口处的二个流量调节阀进行调节进口处的进水量，使出口处的水温度≤60~80℃，并调节出口的水流速大于进口处的流速，同时在阀门使用前确保阀板内腔注满水。
- 5、确保冷却水足够循环，当流量开关报警时必须及时处理。

Materials of main parts

Valve body: fine carbon steel and/or stainless steel(dependent on working temperature)
Stem: fine heat durable steel(dependent on working temperature)
Disc: double-layer fine heat durable steel(dependent on working temperature)
Packing: soft graphite

Application requirements

- 1.Cooling water consumption: (0.01~0.03)DNm³/h
- 2.Cooling water pressure: 0.3 MPa softened water
- 3.Cooling water inlet temperature: ≤30℃
- 4.The two flow regulation valves at the outlet/inlet are used to regulate the input water flow and make the water temperature at outlet equal or less than 60~80℃, also regulate and make the water flow speed at outlet great than that at inlet. Plus, ensure the internal chamber of valve full of water before use.
- 5.Ensure cooling water is enough to be circulated and timely treatment is got when switch warning is on.

单水冷超高温蝶阀冷却水进、出水管连接尺寸表

Cooling water inlet /outlet pipe connection table of single water-cooled ultra-high temperature butterfly valve

单位(unit): mm

规格	150	200	250	300	350	400	450	500	600	700	800	900
DN'	20	20	20	25	25	25	32	32	40	40	40	50
D1'	65	65	65	75	75	75	90	90	100	100	100	110
D'	90	90	90	100	100	100	120	120	130	130	130	140
Z1-Φd1	4-Φ10	4-Φ10	4-Φ10	4-Φ10	4-Φ10	4-Φ10	4-Φ12	4-Φ12	4-Φ12	4-Φ12	4-Φ12	4-Φ12
H1	90	115	140	165	190	215	240	265	315	365	415	465
规格	1000	1200	1400	1500	1600	1800	2000	2200	2400	2600	2800	3000
DN'	50	65	65	65	80	80	80	80	80	80	80	80
D1'	110	130	130	130	150	150	150	150	150	150	150	150
D'	140	160	160	160	190	190	190	190	190	190	190	190
Z1-Φd1	4-Φ12	4-Φ12	4-Φ12	4-Φ12	4-Φ16	4-Φ16	4-Φ16	4-Φ16	4-Φ16	4-Φ16	4-Φ16	4-Φ16
H1	515	615	715	765	815	915	1015	1115	1215	1315	1415	1515

双水冷超高温蝶阀冷却水进、出水管连接尺寸表

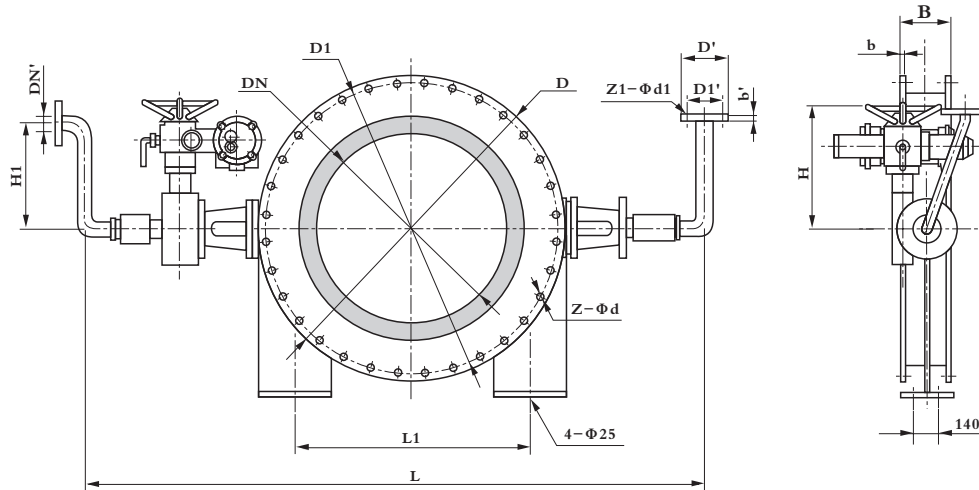
Cooling water inlet /outlet pipe connection table of double water-cooled ultra-high temperature butterfly valve

单位(unit): mm

规格	150	200	250	300	350	400	450	500	600	700	800	900
DN'	20	20	20	25	25	25	32	32	40	40	40	50
D1'	65	65	65	75	75	75	90	90	100	100	100	110
D'	90	90	90	100	100	100	120	120	130	130	130	140
Z1-Φd1	4-Φ10	4-Φ10	4-Φ10	4-Φ10	4-Φ10	4-Φ10	4-Φ12	4-Φ12	4-Φ12	4-Φ12	4-Φ12	4-Φ12
H1	90	115	140	165	190	215	240	265	315	365	405	465
H2	165	200	220	250	270	300	325	400	460	510	560	610
规格	1000	1200	1400	1500	1600	1800	2000	2200	2400	2600	2800	3000
DN'	50	65	65	65	80	80	80	80	80	80	80	80
D1'	110	130	130	130	150	150	150	150	150	150	150	150
D'	140	160	160	160	190	190	190	190	190	190	190	190
Z1-Φd1	4-Φ12	4-Φ12	4-Φ12	4-Φ12	4-Φ16	4-Φ16	4-Φ16	4-Φ16	4-Φ16	4-Φ16	4-Φ16	4-Φ16
H1	520	620	720	770	820	920	1030	1130	1230	1330	1430	1530
H2	660	760	860	915	900	1120	1220	1340	1480	1580	1680	1780



单水冷式超高温蝶阀 Single water-cooled ultra-high temperature butterfly valve



HTDD941W-1

主要连接尺寸 Main connecting dimensions

公称通径 Nominal diameter DN(mm)	标准值 Standard value						参考值 Reference value							
	D	D1	B	b	Z-φd	L1	HTDD941Wa-1		HTDD941Wb-1		型号 type	L	H	型号 type
							L	H	L	H				
150	490	445	190	16	12-φ18	375	1170	470	ZKJ-210	860	460	Z5-36		
200	540	495			12-φ18	448	1316						1006	
250	595	550			16-φ18	473	1366						1056	
300	755	705	200	20	20-φ22	580	1695	550	ZKJ-310	1270	460	Z10-36		
350	810	760			24-φ22	608	1751						1344	
400	860	810			24-φ22	642	1841						1396	
450	910	860			24-φ26	668	1870						1446	
500	975	920			24-φ26	772	2189						1624	
600	1075	1020			24-φ26	829	2303						1798	
700	1175	1120	210	20	28-φ26	883	2411	690	ZKJ-410	1906	460	Z15-36		
800	1275	1220			32-φ30	1090	2900						2260	
900	1375	1320			32-φ30	1140	3010						2320	
1000	1475	1420	200	24	32-φ30	1265	3260	780	ZKJ-510	2430	570	Z20-36		
1200	1685	1630			40-φ30	1370	3520						2680	
1400	1885	1830			44-φ30	1545	3870						2920	
1500	1985	1930			44-φ30	1590	3976						3270	
1600	2085	2030			48-φ30	1700	4190						3376	
1800	2305	2240			52-φ33	1800	4390						3590	
2000	2505	2440	240	28	56-φ33	1900	4590	978	ZKJ-610A	3790	570	Z30-36		
2200	2705	2640			60-φ33	2000	4930						3990	
2400	2905	2840			64-φ36	2100	5130						4240	
2600	3130	3060			68-φ36	2200	5330						4440	
2800	3330	3260			72-φ36	2300	5530						4640	
3000	3530	3460			72-φ36	2300	5530						4840	
2600	3130	3060	300	28	64-φ36	2100	5130	1028	ZKJ-710	4440	660	Z45-36		
2800	3330	3260			68-φ36	2200	5330						4640	
3000	3530	3460			72-φ36	2300	5530						4840	

注：1：阀门型号为 HTDD941Wa-1，配Z型电动装置，阀门型号为HTDD941Wb-1，配ZKJ型电动执行器，如配进口或其它电动执行器请另注明。

2：本阀门可水平或垂直安装，但阀杆应处于水平位置，非水平安装请注明夹角，本阀可按用户要求设计制造。

3：需附件请注明（伺服放大器、电动操作器、控制箱、配法兰等）。

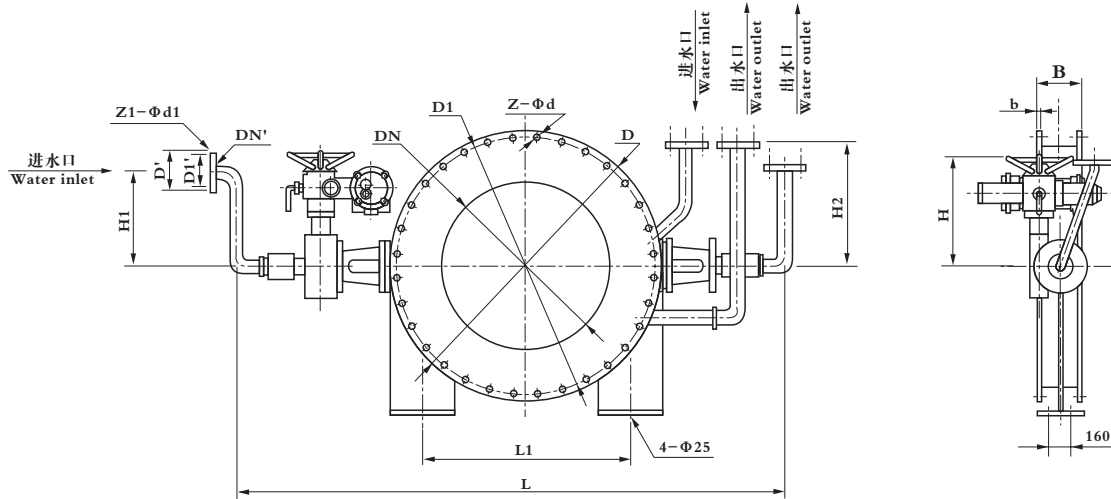
Notes: 1.Valve model is: HTDD941Wa-1,ZKJ type electric actuator is equipped, valve model is: HTDD941Wb-1.Z-type electric actuator is equipped, Please specify separately if inlet piece or other electric actuator is needed.

2.The said valve can be mounted horizontally or vertically, but the stem should be placed horizontally. Please specify the angle for nonhorizontal mounting. The valve can be designed and manufactured according to user's requirements.

3.Please specify with attachments that server magnifier, electric actuator, control box, flange, etc.



双水冷式超高温蝶阀 Double water-cooled ultra-high temperature butterfly valve



HTSD941W-1

主要连接尺寸 Main connecting dimensions

公称通径 Nominal diameter DN(mm)	标准值 Standard value						参考值 Reference value					
	D	D1	B	b	Z-Φd	L1	HTDD941Wa-1			HTDD941Wb-1		
							L	H	型号 type	L	H	型号 type
150	375	335	190	16	12-Φ18	375	1170	470	ZKJ-210	860	460	Z5-36
200	440	395			12-Φ18	448	1316			1006		
250	490	445			12-Φ18	473	1366			1056		
300	540	495	200	20	16-Φ22	580	1695	500	ZKJ-310	1270	460	Z10-36
350	595	550			16-Φ22	608	1751			1344		
400	645	600			20-Φ22	642	1841			1396		
450	695	650	210	20	20-Φ22	668	1870	690	ZKJ-410	1446	460	Z15-36
500	860	810			24-Φ22	772	2189			1624		
600	975	920			24-Φ26	829	2303			1798		
700	1075	1020	220	24	24-Φ26	883	2411	780	ZKJ-510	1906	460	Z20-36
800	1175	1120			28-Φ30	1040	2800			2260		
900	1275	1220			28-Φ30	1090	2900			2320		
1000	1375	1320	240	28	32-Φ30	1140	3010	978	ZKJ-610A	2430	570	Z30-36
1200	1575	1520			36-Φ30	1265	3260			2680		
1400	1790	1730			40-Φ30	1370	3520			2920		
1500	1890	1830	300	28	40-Φ30	1545	3870	1028	ZKJ-710	3270	660	Z45-36
1600	1990	1930			44-Φ30	1590	3976			3376		
1800	2290	2230			48-Φ30	1700	4190			3590		
2000	2505	2440	300	28	52-Φ30	1800	4390	1028	ZKJ-610	3790	660	Z45-36
2200	2705	2640			56-Φ33	1900	4590			3990		
2400	3030	2960			64-Φ33	2000	4930			4240		
2600	3230	3160	300	28	68-Φ33	2100	5130	1028	ZKJ-710	4440	660	Z45-36
2800	3430	3360			72-Φ36	2200	5330			4640		
3000	3630	3560			76-Φ36	2300	5530			4840		

注：1：阀门型号为 HTSD941Wa-1，配ZKJ型电动执行器，阀门型号为HTSD941Wb-1，配Z型电动装置，如配进口或其它电动执行器请另注明。

2：本阀门可水平或垂直安装，但阀杆应处于水平位置，非水平安装请注明夹角，本阀可按用户要求设计制造。

3：需附件请注明（伺服放大器、电动操作器、控制箱、配法兰等）。

Notes: 1. Valve model is: HTSD941Wa-1, ZKJ type electric actuator is equipped, valve model is: HTSD941Wb-1, Z-type electric actuator is equipped, . Please specify separately if inlet piece or other electric actuator is needed.

2. The said valve can be mounted horizontally or vertically, but the stem should be placed horizontally. Please specify the angle for nonhorizontal mounting. The valve can be designed and manufactured according to user's requirements.

3. Please specify with attachments that server magnifier, electric actuator, control box, flange, etc



保温型高温蝶阀 Heat-preserving High Temperature Butterfly Valve

用途

该阀广泛应用于冶金、建材、电站、玻璃等行业中的高温气体管道中，作为高温气体介质流量调节或切断装置，可与各种执行器配套使用组成不同性能设备。

特点

该阀中的阀体采用优质碳素钢内加隔热层及优质耐火材料，蝶板采用铸造优质耐热钢。它具有耐高温、体积小、转动灵活、使用寿命长，操作维护方便等优点。

性能

公称压力：0.1MPa；额定转角：0~90°；泄漏率：≤3%。
工作温度：t≤950℃；8：t≤850℃；7：t≤750℃；6：t≤650℃。
适用介质：高温烟气或其它含尘高温气体。

型号

蜗轮传动：BD341W-1

气动：①调节型：BD641Wa-1；采用气动阀门定位器控制阀门调节启闭动作，输入信号：0-10（4-20）mA·DC（根据用户要求）。

②二位切断型：BD641Wb-1；采用电磁阀控制气缸直接作启闭动作（可根据用户要求执行器带手动装置或不带手动装置）。

电压：24V、36V、220V（根据用户要求）。

电动：①调节型：BD941Wa-1（配ZKJ型电动执行机构或根据用户选用的电动执行机构）；

电压：220V·AC或380V·AC；

输入信号：0-10（4-20）mA·DC；

②两位开关型：BD941Wb-1（配Q型电动装置或根据用户选用的电动装置）；

电压：380V或根据用户选用的执行机构而定。

主要零件材料

阀体：采用优质碳素钢内加隔热层及优质耐火材料；（阀门内加隔热层的厚度也可根据用户管道内隔热层的厚度）。

阀杆：优质耐热钢；（根据工作温度而选用不同材料）

蝶板：采用铸造优质耐热钢；（根据工作温度而选用不同材料）

填料：柔性石墨。

Scope

The valve is widely used in the ultra-high temperature gas pipeline systems as regulation or cut-off device of high temperature gas mediums in industries of metallurgy, chemical, construction material, electricity, etc. It can also be matched with various actuators to form set equipment of different performances.

Characteristics

The valve body utilizes fine carbon steel with heat separation layer and line fire durable material, disc adopts cast fine heat durable steel. As such, it has features of low water consumption, high temperature durable, small volume, flexible rotation, long life and easy maintain.

Properties

Nominal pressure: 0.1MPa; Rated rotary angle: 0~90°; Leakage rate: ≤3%;

Working temperature: ; t≤950℃; 8: t≤850℃; 7: t≤750℃; 6: t≤650℃;

Suitable mediums: high temperature fume or dust-contained high temperature gases.

Model

Worm gear actuator type: BD641W-1

Pneumatic actuator type:

①Regulation type: BD641Wa-1

Adopt pneumatic actuated valve positioning to control the valve and regulate the closing and opening operations. Input signal: 0-10(4-20)mA·DC (according to user's requirements).

②Two position switch type: BD641Wb-1

Adopt electromagnetic valve to control the cylinder directly for operation. (The actuator may be equipped with or without manual device.)

Voltage: 24V, 36V or 220V, which depends on user's requirements)

Electric actuator type

①Regulation type: BD941Wa-1 (equipped with ZKJ electric actuator or with one selected according to user's requirements.)

Voltage: 220 or 380 VAC dependent on the selected actuator by user.

Input signal: 0-10(4-20)mA·DC

②Two position switch type: BD941Wb-1 (equipped with Q-type electric actuator or with one selected according to user's requirements.)

Voltage: 380 V·AC (or one according to user's requirements).

Materials of main parts

Valve body: fine carbon steel with heat-isolated layer and fine fire durable materials inside. (The thickness of valve heat-isolated layer can be matched with that of internal wall thickness of user's pipe.)

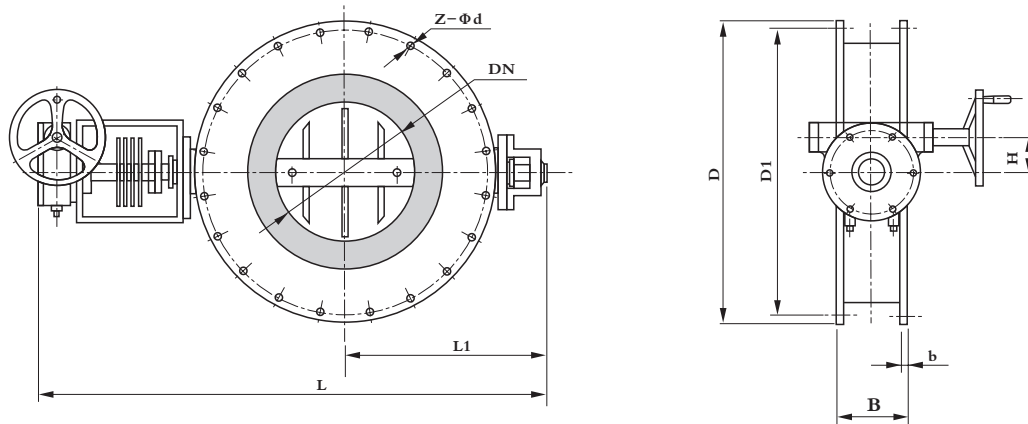
Stem: fine heat durable steel (Different materials can be selected according to working temperature)

Disc: double-layer fine heat durable steel (Different materials can be selected according to working temperature)

Packing: soft graphite



蜗轮传动保温高温蝶阀 Worm gear driven heat-preserving high temperature butterfly valve



BD341W-1

主要连接尺寸 Main connecting dimensions

公称通径 Nominal diameter DN(mm)	标准值 Standard value				参考值 Reference value				型号 type
	D	D1	B	b	Z-Φd	L1	L	H	
100	320	280	190	18	8-Φ18	325	940	90	S-01
150	375	335			12-Φ18	375	994		
200	440	395			12-Φ22	448	1059		
250	490	445				473	1109		
300	595	550	200	20	16-Φ22	558	1325	105	S-02
350	645	600			20-Φ22	608	1411		
400	705	655			20-Φ26	642	1478		
450	755	705				668	1528		
500	860	810	210	22	24-Φ26	772	1757	120	S-03
600	975	920			24-Φ30	829	1872		
700	1075	1020				883	1975		
800	1275	1220			28-Φ30	1040	2329		
900	1375	1320	220	24		1090	2389	150	S-04
1000	1475	1420			32-Φ30	1140	2529		
1200	1685	1630			36-Φ30	1265	2821		
1400	1885	1830			40-Φ30	1370	3031		
1500	2135	2080	240	28		1545	3381	180	S-05
1600	2235	2180			48-Φ30	1598	3517		
1800	2440	2380			52-Φ33	1700	3722		
2000	2640	2580			56-Φ33	1800	3922		
2200	2840	2780	300	28	60-Φ34	1900	4020	210	S-06
2400	3040	2980			64-Φ36	2000	4320		
2500	3140	3080			64-Φ36	2050	4420		
2600	3240	3180			68-Φ36	2100	4520	250	S-07
2800	3440	3380			72-Φ36	2200	4720		
3000	3640	3580			76-Φ36	2300	4920		

注：1、本阀可水平或垂直安装，但阀杆应处于水平位置，非水平安装请注明夹角，本阀可按用户要求设计制造。

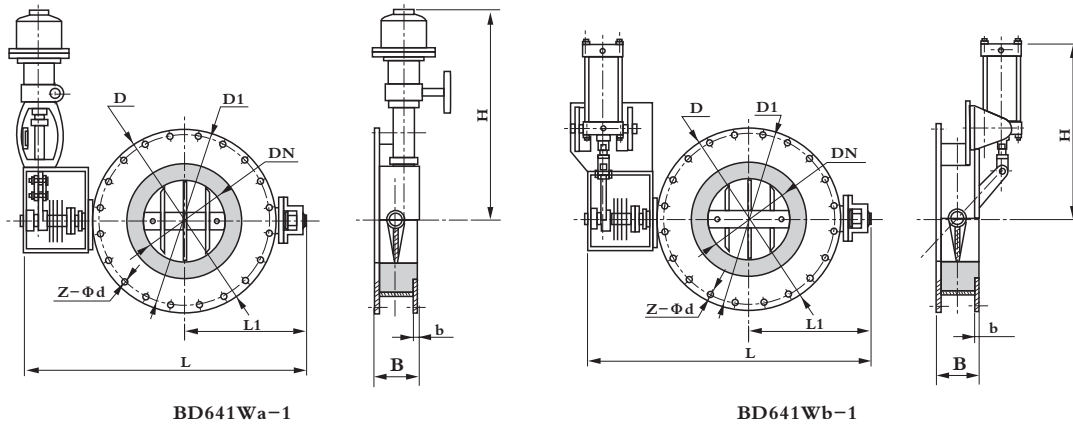
2、需附件请注明（配法兰）。

Notes: 1.The said valve can be mounted horizontally or vertically, but the stem should be placed horizontally. Please specify the angle for nonhorizontal mounting. The valve can be designed and manufactured according to user's requirements.

2.Please specify with attachments that flange, etc.



气动保温高温蝶阀 Pneumatic actuated heat-preserving high temperature butterfly valve



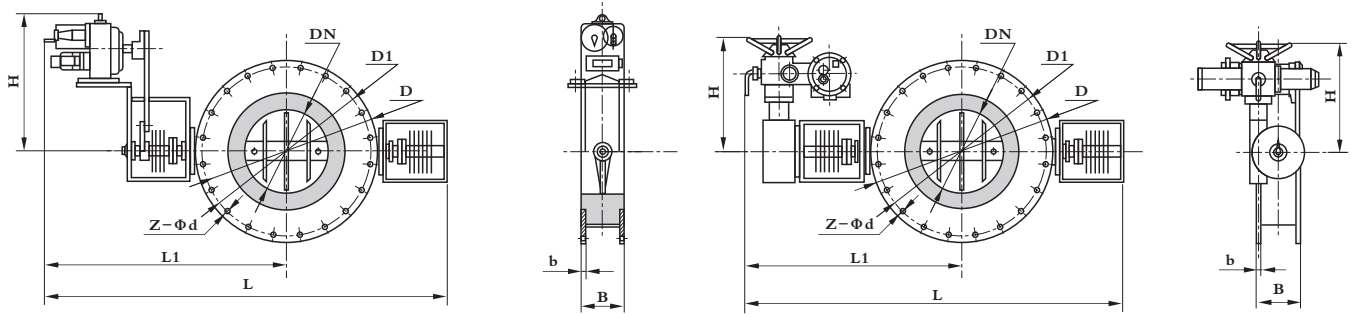
主要连接尺寸 Main connecting dimensions

公称通径 Nominal diameter DN(mm)	标准值 Standard value						参考值 Reference value					
	D	D1	B	b	Z-Φd	L1	BD641Wa-1			BD641Wb-1		
							L	H	型号type	L	H	
100	320	280	190	18	8-Φ18	325	1138	635	ZMA-3	810	410	
150	375	335			12-Φ18	375						1203
200	440	395			12-Φ22	448						1351
250	490	445	200	20	16-Φ22	473	865	ZMA-4	1220	510		
300	595	550			16-Φ22	558					1632	
350	645	600			20-Φ22	608					1699	
400	705	655			20-Φ22	642					1749	
450	755	705			20-Φ26	668					1768	
500	860	810	210	22	24-Φ26	772	1887	ZSC-45	1738	682		
600	975	920			24-Φ30	829					1990	
700	1075	1020			24-Φ30	883					2314	
800	1275	1220			28-Φ30	1040					2414	
900	1375	1320	220	24	32-Φ30	1090	2515	1408	ZSL-250	2620	760	
1000	1475	1420			36-Φ30	1140						2783
1200	1685	1630			36-Φ30	1265						3003
1400	1885	1830	240	28	40-Φ30	1370	3353	1460	ZSL-400	3186	985	
1500	2135	2080			48-Φ30	1545						3453
1600	2235	2180			48-Φ30	1598						3653
1800	2440	2380			52-Φ33	1700						3853
2000	2640	2580			56-Φ33	1800						4050
2200	2840	2780	300	28	60-Φ34	1900	4250	1660	ZSL-600	4120	1070	
2400	3040	2980			64-Φ36	2000						4350
2500	3140	3080			64-Φ36	2050						4450
2600	3240	3180			68-Φ36	2100						4650
2800	3440	3380			72-Φ36	2200						4850

- 注：1、进气源的电磁阀或阀门定位器紫铜管直径为Φ6×1，由用户自备。
 2、表中型号为气动执行器型号。配ZMA型为气动薄膜式执行器；配ZSC型为气动活塞式执行器；配ZSL型气动长行程执行器。
 3、本阀水平安装或垂直安装，但阀杆应处于水平位置，非水平安装时请注明夹角，本阀可按用户要求设计制造。
 4、需附件请注明（定位器、手操机构、空气过滤减压阀、电磁阀、配法兰等）。
- Notes: 1.The copper tube of the electromagnatic valve or the valve positioning device of gas input source is provided by customer.
 2.The pump model in the table refers to the pneumatic actuator size. ZMA type refers to pneumatic deaphragm actuator and ZSC types pneumatic long travel actuator.
 3.The said valve can be mounted horizontally or vertically, but the stem should be placed horizontally. Please specify the angle for nonhorizontal mounting. The valve can be designed and manufactured according to user's requirements.
 4.Please specify with attachments that server magnifier, electric actuator, control box, flange, etc.



电动保温高温蝶阀 Electric actuated heat-preserving high temperature butterfly valve



BD941Wa-1

BD941Wb-1

主要连接尺寸 Main connecting dimensions

公称通径 Nominal diameter DN(mm)	标准值 Standard value						参考值 Reference value					
	D	D1	B	b	Z-Φd	L1	BD941Wa-1			BD941Wb-1		
							L	H	W	L	H	W
100	320	280	190	18	8-Φ18	325	1160	470	ZKJ-210	810	460	Z5-18
150	375	335			12-Φ18	375	1210			860		
200	440	395			12-Φ22	448	1275			1006		
250	490	445				473	1325			1056		
300	595	550	200	20	16-Φ22	558	1541	550	ZKJ-310	1270	460	Z10-18
350	645	600			20-Φ22	608	1631			1326		
400	705	655			20-Φ26	642	1698			1394		
450	755	705			24-Φ26	668	1748			1446		
500	860	810				772	2067			1624		
600	975	920	210	22	24-Φ30	829	2182	690	ZKJ-410	1798	460	Z15-18
700	1075	1020			28-Φ30	883	2285			1906		
800	1275	1220				1040	2754			2220		
900	1375	1320				1090	2804			2320		
1000	1475	1420	220	24	32-Φ30	1140	2944	780	ZKJ-510	2430	670	Z20-18
1200	1685	1630			36-Φ30	1265	3192			2680		
1400	1885	1830			40-Φ30	1370	3662			2920		
1500	2135	2080	240	28	48-Φ30	1545	4012	1028	ZKJ-610	3270	670	Z30-18
1600	2235	2180				1598	4118			3376		
1800	2440	2380				1700	4323			3590		
2000	2640	2580				1800	4523			3790		
2200	2840	2780				1900	4720			3990		
2400	3040	2980	300	28	64-Φ36	2000	4920	1028	ZKJ-710	4240	660	Z45-18
2500	3140	3080				2050	5020			4340		
2600	3240	3180				2100	5120			4440		
2800	3440	3380				2200	5320			4640		
3000	3640	3580				2300	5520			4840		

注：1、表中W为电动执行器型号。阀门型号为BD941Wa-1，配ZKJ型电动执行器；阀门型号为BD941Wb-1，配Z型电动装置；如配进口或其它电动执行器请另注明。

2、本阀水平安装或垂直安装，但阀杆应处于水平位置，非水平安装时请注明夹角，本阀可按用户要求设计制造。

3、需附件请注明（伺服放大器、电动操作器、控制箱、配法兰等）。

Notes: 1.The W in table refers to model of electric actuator. The valve of BD941Wa-1 equipped with ZKJ type electric actuator. Z-type electric actuator is equipped for valve model BD941Wb-1. Please specify separately if inlet or other electric actuator is needed.

2.The said valve can be mounted horizontally or vertically, but the stem should be placed horizontally. Please specify the angle for nonhorizontal mounting. The valve can be designed and manufactured according to user's requirements.

3.Please specify with attachments that server magnifier, electric actuator, control box, flange, etc



调节蝶阀 Adjusting butterfly valve

用途 Uses

调节蝶阀适用石化、化工、冶金、矿山、建材、电力、能源及环境保护等系统的气体管道，供调节介质流量或切断之用。

Adjusting butterfly valve is suitable for the gas pipelines on the systems of petrochemical, chemical, metallurgical, mine, building material, electric power, energy source and environmental protection etc. to adjust flow rate or cut off medium.

结构特点 Structure traits

- 全部采用钢板焊接结构，重量轻，易于安装。
- 密封效果较好，泄露量小。
- 备有多种驱动装置供用户选择。
- With a structure of weld steel sheet and light weight, it is convenient for installation.
- Tightness is good and leakage little.
- Various driving devices are available for the user to choose.

调节蝶阀性能参数 Adjusting butterfly valve performance parameter

名称Name	型号Type	工作压力 Working pressure	适用温度 Suitable etmperature	适用介质Suitable medium
手动调节蝶阀 Manual operated adjusting butterfly vavle	D141W D141JW	0.05MPa 0.1MPa 0.25MPa 0.6MPa	≤950℃	SO ₂ 、SO ₃ 、烟气、空气、 粉尘气体等气体 SO ₂ 、SO ₃ 、fume, air, powder- gas etc. gas.
蜗轮动调节蝶阀 Worm gear-operated adjusting butterfly valve	D1341W D1341JW			
气动调节蝶阀 Pneumatic actuator adjusting butterfly valve	D1641W D1641JW			
电动调节蝶阀 Electrically actuator adusting butterfly vavle	D1941W D1941JW			
自动调节蝶阀 Automatic adjusting butterfly valve	D1941ZW			
电液动推杆蝶阀 Electrically hydraulic actuator bunt-staff butterfly valve	D1941TW			

注：可按用户要求法兰标准制造。开关型蝶阀不加脚标“L”。

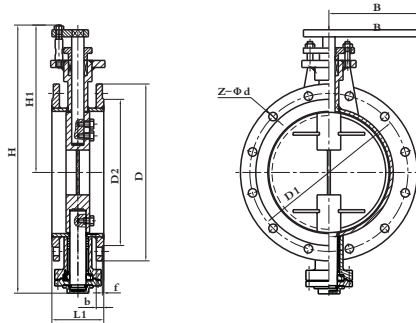
Note: Our company can make according to flange standard user requires. Type of open-close butterfly valve is no feet sign "L".

阀体材料代号及适用温度 Code of body material and suitable temperature

阀体材料 Body material	WCB	XD-3	ZG1Cr5Mo	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M	XD-1	XD-2
代号 Code	C	XD-3	I	P	R	XD-1	XD-2
适用温度 Suitable temperature	≤425℃	≤475℃	≤550℃	≤600℃	≤600℃	≤700℃	≤950℃

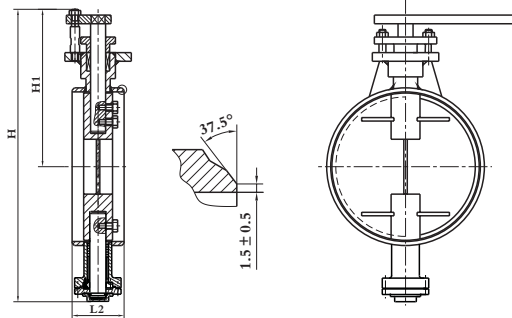


DL41W DL61W DL71W圆形手动调节蝶阀
DL41W DL61W DL71W rotundity manual adjusting butterfly valve



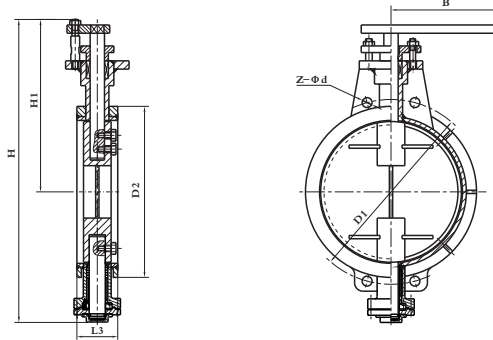
DL41W型法兰连接蝶阀

DL41W type flange connection butterfly valve



DL61W型焊接连接蝶阀

DL61W type weld connection butterfly valve



DL71W型对夹连接蝶阀

DL71W type wafer connection butterfly valve

手动调节蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of manual adjusting butterfly valve

DN (mm)	标准值 Standard value									参考值 Reference value			
	L1	L2	L3	D	D1	D2	b	f	Z-φd	H	H1	B	W(Kg)*
PN0.25(MPa) (JB78)													
200	152	152	60	315	280	255	16	3	8-Φ18	710	388	300	34
250	165	165	68	370	335	310	16	3	12-Φ18	760	413	300	38
300	178	178	78	435	395	362	16	3	12-Φ23	810	438	300	48
350	190	190	78	485	445	412	16	3	12-Φ23	860	463	300	56
400	216	216	102	535	495	462	16	3	16-Φ23	840	440	400	73
450	222	222	114	590	550	518	16	3	16-Φ23	890	465	400	81
500	229	229	127	640	600	568	20	4	16-Φ23	940	492	400	99
600	267	267	154	755	705	670	20	4	20-Φ25	1046	542	400	127
700	292	292	165	860	810	775	20	4	24-Φ25	1144	592	400	152
800	318	318	190	975	920	880	20	4	24-Φ30	1244	642	400	182

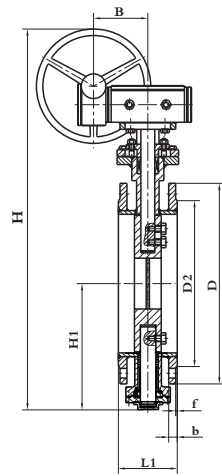
注：*参考重量仅列出法兰连接蝶阀的重量。

Note: *Only weights of flange connected valves are listed as reference weights.

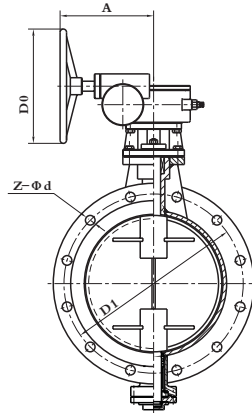


DL341W DL361W DL371W圆形蜗轮动调节蝶阀

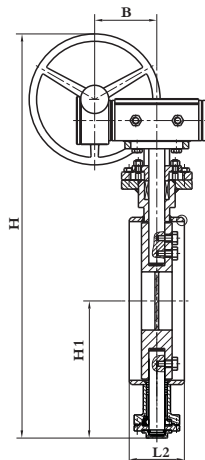
DL341W DL361W DL371W rotundity worm-gear actuator adjusting butterfly valve



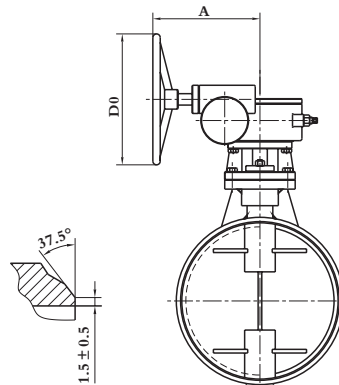
DL341W型法兰连接蝶阀



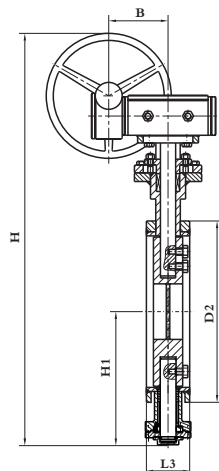
DL341W type flange connection butterfly valve



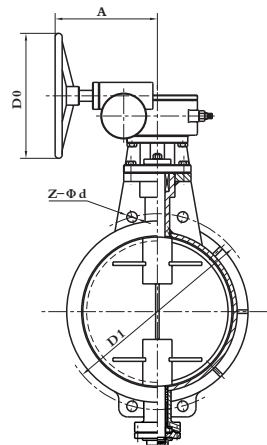
DL361W型焊接连接蝶阀



DL361W type weld connection butterfly valve



DL371W型对夹连接蝶阀



DL371W type wafer connection butterfly valve



蜗轮传动调节蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of worm-gear actuator adjusting butterfly valve

DN (mm)	标准值 Standard value									参考值 Reference value					
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	H	H1	D0	A	B	W(Kg)*
	PN0.25(MPa) (JB78)														
200	152	152	60	315	280	255	16	3	8-Φ18	770	120	150	350	180	38
250	165	165	68	370	335	310	16	3	12-Φ18	825	150	150	350	180	47
300	178	178	78	435	395	362	16	3	12-Φ23	890	180	150	350	180	56
350	190	190	78	485	445	412	16	3	12-Φ23	940	195	150	350	180	71
400	216	216	102	535	495	462	16	3	16-Φ23	990	235	150	350	180	81
450	222	222	114	590	550	518	16	3	16-Φ23	1045	265	150	350	180	96
500	229	229	127	640	600	568	20	4	16-Φ23	1095	290	150	350	180	105
600	267	267	154	755	705	670	20	4	20-Φ25	1205	335	150	350	180	135
700	292	292	165	860	810	775	20	4	24-Φ25	1460	385	300	350	180	180
800	318	318	190	975	920	880	20	4	24-Φ30	1575	435	300	350	180	218
900	330	330	203	1075	1020	980	20	4	24-Φ30	1675	495	300	350	180	267
1000	410	410	216	1175	1120	1080	20	4	28-Φ30	1875	545	400	350	180	308
1200	470	470	254	1375	1320	1280	20	4	32-Φ30	2075	645	400	375	200	413
1400	530	530	390	1575	1520	1480	20	4	36-Φ30	2275	745	400	375	200	548
1600	600	600	440	1785	1730	1690	24	4	40-Φ30	2640	845	500	400	220	746
1800	670	670	490	1985	1930	1890	24	4	44-Φ30	2840	945	500	400	220	930
2000	760	760	540	2185	2130	2090	24	4	48-Φ30	3040	1050	500	450	135	1155
2200	550	-	-	2400	2340	2292	24	4	52-Φ34	3255	1150	500	450	235	1470
2400	630	-	-	2600	2540	2492	24	4	56-Φ34	3455	1250	500	450	235	1710
2600	630	-	-	2800	2740	2692	28	4	60-Φ34	3755	1350	600	500	260	2115
2800	710	-	-	3030	2960	2905	28	4	64-Φ41	3980	1450	600	500	260	2760
3000	710	-	-	3230	3160	3105	28	4	68-Φ41	4180	1550	600	500	260	3210

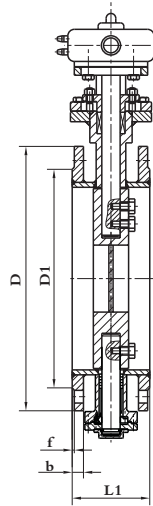
注：*参考重量仅列出法兰连接蝶阀的重量。

Note: *Only weights of flange connected valves are listed as reference weights.

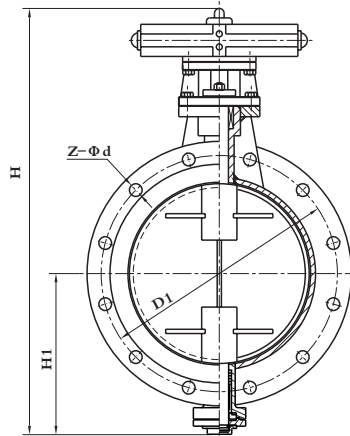


DL641W DL661W DL671W圆形气动调节蝶阀

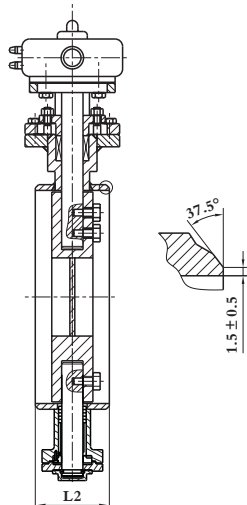
DL641W DL661W DL671W rotundity pneumatic actuator adjusting butterfly valve



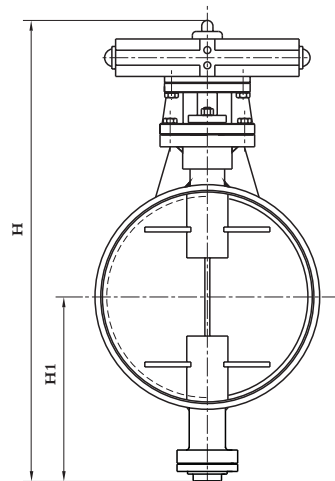
DL641W型法兰连接蝶阀



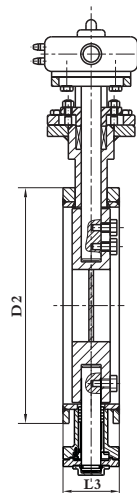
DL641W type flange connection butterfly valve



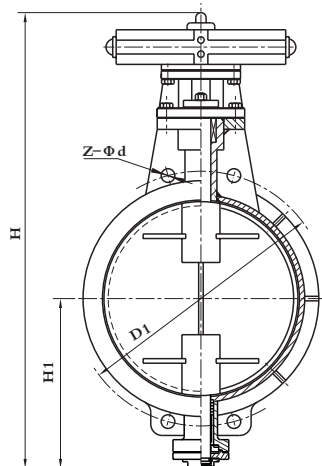
DL661W型焊接连接蝶阀



DL661W type weld connection butterfly valve



DL671W型对夹连接蝶阀



DL671W type wafer connection butterfly valve



气动调节蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of pneumatic actuator adjusting butterfly valve

DN (mm)	标准值 Standard value									参考值 Reference value			气动装置 Pneumatic actuator
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	H	H1	W(Kg)*	
	PN0.25(MPa) (JB78)												
200	152	152	60	315	280	255	16	3	8-Φ18	940	120	42	QZ5
250	165	165	68	370	335	310	16	3	12-Φ18	995	150	59	QZ5
300	178	178	78	435	395	362	16	3	12-Φ23	1060	180	68	QZ5
350	190	190	78	485	445	412	16	3	12-Φ23	1120	195	78	QZ15
400	216	216	102	535	495	462	16	3	16-Φ23	1170	235	93	QZ15
450	222	222	114	590	550	518	16	3	16-Φ23	1225	265	107	QZ15
500	229	229	127	640	600	568	20	4	16-Φ23	1275	290	117	QZ15
600	267	267	154	755	705	670	20	4	20-Φ25	1405	335	158	QZ45
700	292	292	165	860	810	775	20	4	24-Φ25	1510	385	218	Q45
800	318	318	190	975	920	880	20	4	24-Φ30	1625	435	252	QZ45
900	330	330	203	1075	1020	980	20	4	24-Φ30	1725	495	300	QZ45
1000	410	410	216	1175	1120	1080	20	4	28-Φ30	1825	545	338	QZ45
1200	470	470	254	1375	1320	1280	20	4	32-Φ30	2065	645	443	QZ85
1400	530	530	390	1575	1520	1480	20	4	36-Φ30	2310	745	630	QZ150
1600	600	600	440	1785	1730	1690	24	4	40-Φ30	2575	845	870	QZ150
1800	670	670	490	1985	1930	1890	24	4	44-Φ30	2800	945	1050	QZ300
2000	760	760	540	2185	2130	2090	24	4	48-Φ30	3000	1050	1275	QZ300
2200	550	-	-	2400	2340	2292	24	4	52-Φ34	3205	1150	1890	QZ400
2400	630	-	-	2600	2540	2492	24	4	56-Φ34	3405	1250	2475	QZ400
2600	630	-	-	2800	2740	2692	28	4	60-Φ34	3705	1350	3023	QZ500
2800	710	-	-	3030	2960	2905	28	4	64-Φ41	3930	1450	3790	QZ500
3000	710	-	-	3230	3160	3105	28	4	68-Φ41	4130	1550	4395	QZ500

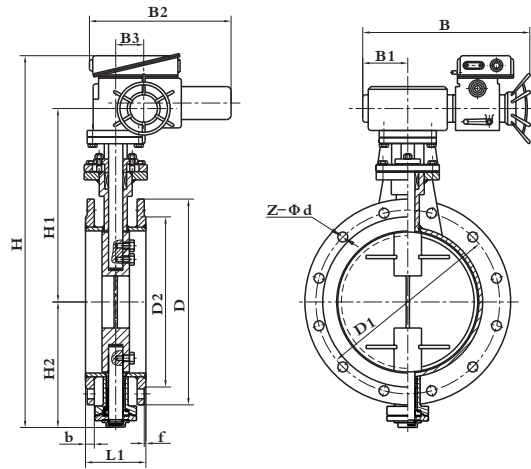
注：*参考重量仅列出法兰连接蝶阀的重量。

Note: *Only weights of flange connected valves are listed as reference weights.



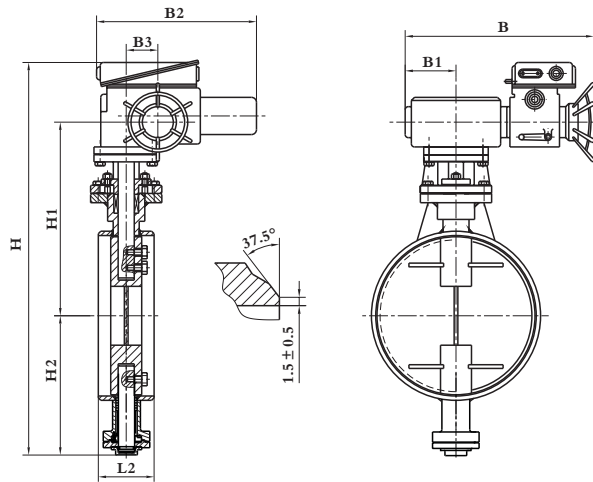
DL941W DL961W DL971W圆形电动调节蝶阀

DL941W DL961W DL971W rotundity electric actuator adjusting butterfly valve



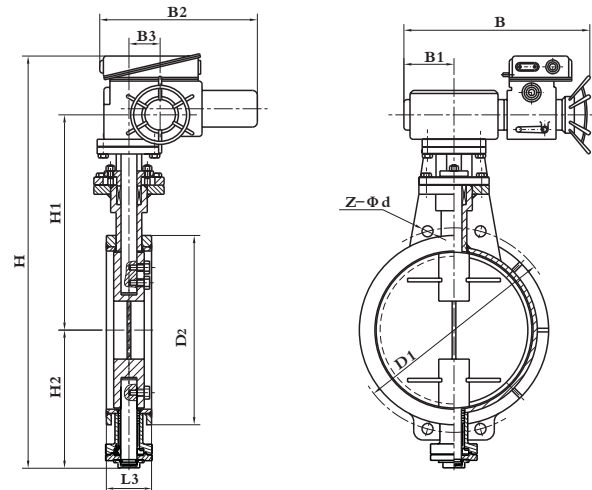
DL941W型法兰连接蝶阀

DL941W type flange connection butterfly valve



DL961W型焊接连接蝶阀

DL961W type weld connection butterfly valve



DL971W型对夹连接蝶阀

DL971W type wafer connection butterfly valve



电动调节蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of electric actuator adjusting butterfly valve

DN (mm)	标准值 Standard value									参考值 Reference value								电动装置 Electric actuator
	L1	L2	L3	D	D1	D2	b	f	Z-Φd	H	H1	H2	B	B1	B2	B3	W*	
	PN0.25(MPa) (JB78)																	
200	152	152	60	315	280	255	16	3	8-Φ18	930	397	340	565	120	480	170	95	WQ5
250	165	165	68	370	335	310	16	3	12-Φ18	995	441	365	565	120	480	170	100	WQ5
300	178	178	78	435	395	362	16	3	12-Φ23	1005	497	390	565	120	480	170	108	WQ5
350	190	190	78	485	445	412	16	3	12-Φ23	1055	547	415	565	120	480	170	118	WQ10
400	216	216	102	535	495	462	16	3	16-Φ23	1040	430	425	565	120	480	170	131	WQ10
450	222	222	114	590	550	518	16	3	16-Φ23	1090	455	450	565	120	480	170	139	WQ10
500	229	229	127	640	600	568	20	4	16-Φ23	1140	480	475	565	120	480	170	153	WQ20
600	267	267	154	755	705	670	20	4	20-Φ25	12445	532	502	565	120	480	170	185	WQ20
700	292	292	165	860	810	775	20	4	24-Φ25	1345	582	552	565	120	480	170	210	WQ30
800	318	318	190	975	920	880	20	4	24-Φ30	1445	632	602	565	120	480	170	240	WQ30
900	330	330	203	1075	1020	980	20	4	24-Φ30	1810	829	770	625	145	515	170	313	WQ30
1000	410	410	216	1175	1120	1080	20	4	28-Φ30	1910	879	820	625	145	515	170	361	WQ60
1200	470	470	254	1375	1320	1280	20	4	32-Φ30	2110	975	925	625	145	515	170	338	WQ60
1400	530	520	390	1575	1520	1480	20	4	36-Φ30	2575	1280	1090	760	162	515	170	730	WQ120
1600	600	600	440	1785	1730	1690	24	4	40-Φ30	2880	1210	1215	760	230	545	170	1023	WQ250
1800	670	670	490	1985	1930	1890	24	4	40-Φ30	3080	1555	1315	760	230	545	170	1152	WQ250
2000	760	760	540	2185	2130	2090	24	4	48-Φ30	3340	1860	1430	785	230	720	340	1523	WQ250
2200	550	-	-	2400	2340	2292	24	4	52-Φ34	3560	1970	1540	785	230	720	340	1884	Z20-18
2400	630	-	-	2600	2540	2492	24	4	56-Φ34	3840	2110	1680	785	230	720	340	2373	Z20-18
2600	630	-	-	2800	2740	2692	28	4	60-Φ34	4055	2220	1840	970	230	720	340	2838	Z30-18
2800	710	-	-	3030	2960	2905	28	4	64-Φ41	4255	2320	1940	970	230	720	340	3040	Z30-18
3000	710	-	-	3230	3160	3105	28	4	68-Φ41	4610	2320	2067	1130	303	840	430	4410	Z30-18
3200	790	-	-	3430	3360	3305	28	4	72-Φ36	4190	2300	1850	1219	365	860	352	7964	ZB260-12/20
3300	790	-	-	3530	3460	3410	28	4	72-Φ36	4350	2345	1910	1265	385	880	440	8416	Z90-18/25
3400	790	-	-	3630	3560	3505	28	4	76-Φ36	4450	2395	1960	1265	385	880	440	8780	Z90-18/25
3500	870	-	-	3740	3670	3620	30	4	76-Φ36	4550	2445	2010	1265	385	880	440	8186	Z90-18/25
3600	870	-	-	3840	3770	3715	30	4	80-Φ36	4650	2495	2060	1265	385	880	440	8674	Z90-18/25
3700	870	-	-	3940	3870	3820	30	4	80-Φ36	4750	2565	2130	1265	385	880	440	9016	Z120-18/25
3800	950	-	-	4040	3970	3915	30	4	80-Φ39	4850	2615	2180	1265	385	880	440	9398	Z120-18/25
3900	950	-	-	4145	4070	4020	32	4	80-Φ39	4950	2665	2230	1265	385	880	440	9785	Z120-18/25
4000	950	-	-	4240	4170	4115	32	4	84-Φ39	5050	2715	2280	1265	385	880	440	10282	Z120-18/25

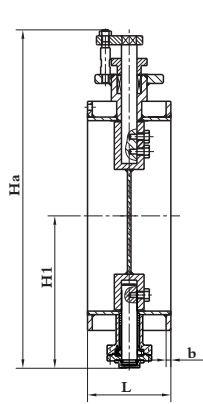
注：*参考重量仅列出法兰连接蝶阀的重量。

Note: *Only weights of flange connected valves are listed as reference weights.

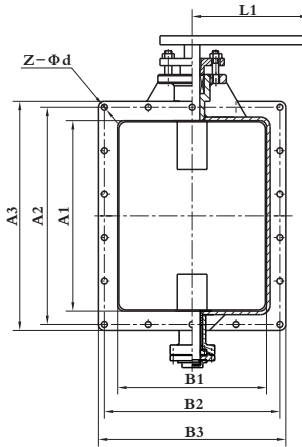


DL41JW DL341JW DL941JW 矩形法兰连接调节蝶阀

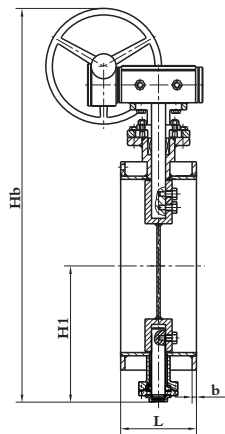
DL41JW DL341JW DL941JW rectangle flange connection adjusting butterfly valve



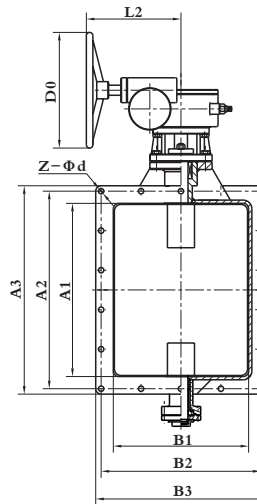
DL41JW型手动蝶阀



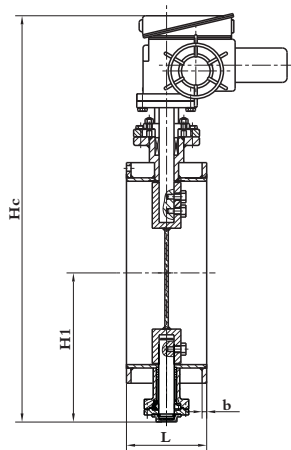
DL41JW type manual butterfly valve



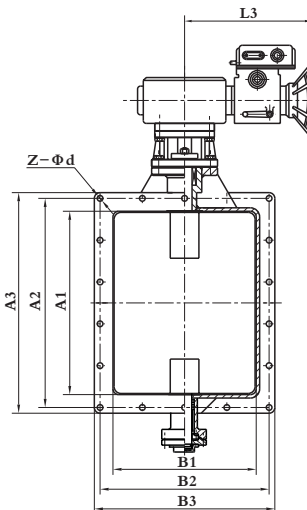
DL341JW型蜗轮动蝶阀



DL341JW type worm-gear actuator butterfly valve



DL941JW型电动蝶阀



DL941JW type electric operated butterfly valve



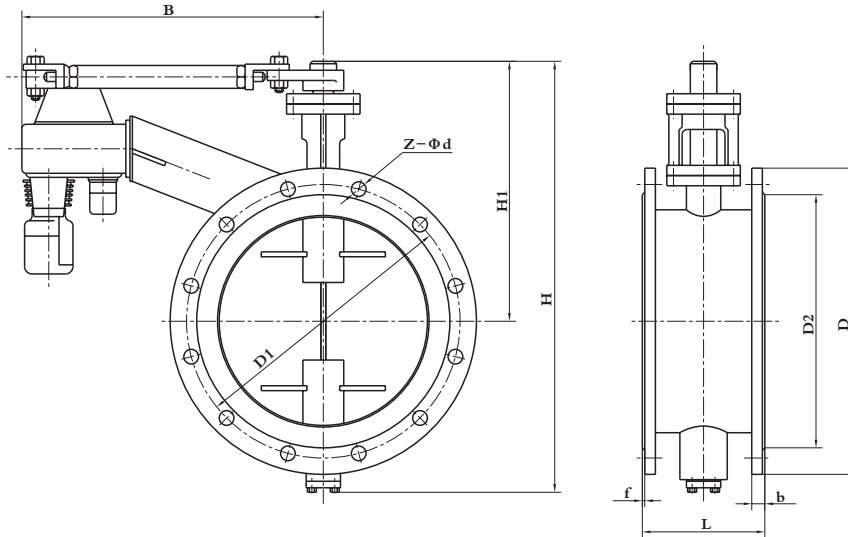
主要连接尺寸及重量 Main connecting dimensions and weights

A1×B1	A2×B2	A3×B3	L	Z-Φd	b	H1	Ha	Hb	Hc	L1	L2	L3	D0	电动装置 Elecetic actuator	电机功率 Motor power (KW)	重量 Weight (Kg)											
200×120	232×152	266×186	80	8-Φ10	4	153	380	396	642	350	280	196	280	WQ5	0.04	26											
200×160	232×192	266×226				35																					
200×200	232×232	266×266				38																					
250×160	282×192	316×226	100	10-Φ10	4	175	525	550	722	450	360	320	WQ10	0.06	31												
250×200	282×232	316×266				36																					
250×250	282×282	316×316				40																					
320×160	358×198	396×236				36																					
320×200	358×238	396×276				48																					
320×250	358×288	396×326				52																					
320×320	358×358	396×396				58																					
400×200	438×238	476×276				48																					
400×250	438×288	476×326				50																					
400×320	438×358	476×396				52																					
400×400	438×438	476×476	62																								
500×200	538×238	576×276	120	12-Φ12	8	318	805	820	972	600	380	216	WQ20	0.06	85												
500×250	538×288	576×326													50												
500×320	538×358	576×396													60												
500×400	538×438	576×476													65												
500×500	538×538	576×576													77												
630×250	668×288	706×326													85												
630×320	668×358	706×396													65												
630×400	668×438	706×476													78												
630×500	668×538	706×576													88												
630×630	668×668	706×706													95												
800×320	848×368	884×404	160	16-Φ14	10	475	1165	1190	1345	600	420	400	WQ30	0.09	115												
800×400	848×448	884×484													95												
800×500	848×548	884×584													102												
800×630	848×678	884×714													102												
800×800	848×848	884×884													131												
1000×320	1044×368	1080×404													145												
1000×400	1044×448	1080×484													184												
1000×500	1044×548	1080×584													160												
1000×630	1044×678	1080×714													180												
1000×800	1044×848	1080×884													225												
1000×1000	1044×1044	1080×1080	250																								
1250×400	1304×454	1342×492	200	22-Φ16	14	735	-	1655	1795	-	480	140	WQ60	0.37	290												
1250×500	1304×554	1342×592													165												
1250×630	1304×684	1342×722													190												
1250×800	1304×854	1342×892													230												
1250×1000	1304×1054	1342×1092													260												
1600×500	1660×564	1702×606													280	28-Φ16	16	963	-	2145	2455	-	480	500	WQ90	0.55	260
1600×630	1660×694	1702×736																									280
1600×800	1660×864	1702×906																									260
1600×1000	1660×1064	1702×1106																									320
1600×1250	1660×1310	1702×1356																									350
2000×800	2066×870	2112×916	420																								
2000×1000	2066×1070	2112×1116	380																								
2000×1250	2066×1320	2112×1366	540																								
			298	600	WQ120	0.55	380																				
					WQ250	0.75	680																				



DL941zW 法兰连接自动调节蝶阀

DL941zW flange connection automatic adjusting butterfly valve



DL941zW型蝶阀

DL941zW type butterfly valve

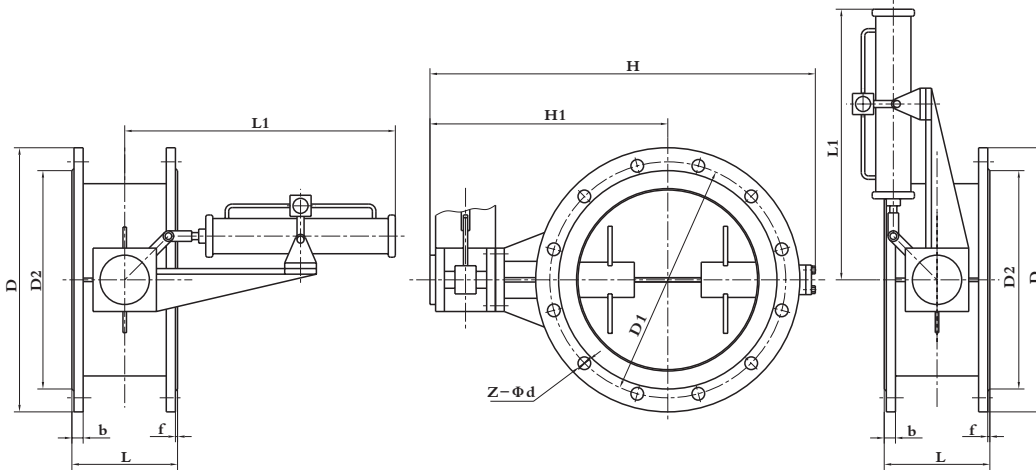
主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter DN(mm)	标准值Standard value							参考值Consult value				配套电动执行器 Mating motor	
	L	D	D1	D2	b	f	Z-Φd	H	H1	B	W(Kg)	型号 Type	功率 Power (KW)
	PN0.25(MPa) (JB78)												
200	152	315	280	255	16	3	8-Φ18	710	397	595	79	DKJ-210	16
250	165	370	335	310	16	3	12-Φ18	760	422	595	86	DKJ-210	16
300	178	435	395	362	16	3	12-Φ23	810	447	645	93	DKJ-210	16
350	190	485	445	412	16	3	12-Φ23	860	472	645	103	DKJ-210K	16
400	216	535	495	462	16	3	16-Φ23	850	450	745	119	DKJ-210K	16
450	222	590	550	518	16	3	16-Φ23	900	475	745	126	DKJ-210K	16
500	229	640	600	568	20	4	16-Φ23	950	500	745	136	DKJ-210K	16
600	267	755	705	670	20	4	20-Φ25	1000	525	970	198	DKJ-310	25
700	292	860	810	775	20	4	24-Φ25	1050	550	970	223	DKJ-310K	25
800	318	975	920	880	20	4	24-Φ30	1100	575	1020	298	DKJ-410	80
900	330	1075	1020	980	20	4	24-Φ30	1835	855	1220	382	DKJ-410	80
1000	410	1175	1120	1080	20	4	28-Φ30	1935	905	1220	398	DKJ-410	80
1200	470	1375	1320	1280	20	4	32-Φ30	2035	1005	1240	564	DKJ-510	180
1400	530	1575	1520	1480	20	4	36-Φ30	2400	1259	1460	710	DKJ-510	180
1600	600	1785	1730	1690	24	4	40-Φ30	2830	1405	1520	1617	DKJ-710	1800
1800	670	1985	1930	1890	24	4	44-Φ30	3030	1505	1520	1976	DKJ-710	1800
2000	760	2185	2130	2090	24	4	48-Φ30	3135	1652	1520	2196	DKJ-710	1800



DL941TW 法兰连接电液动推杆蝶阀

DL941TW flange connection electric-hydraulic actuator butterfly valve



水平安装外形图
Horizontal installation layout drawing

垂直安装外形图
Vertical installation layout drawing

DL941TW-0.5型蝶阀

DL941TW-0.5 type butterfly valve

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter DN(mm)	标准值 Standard value							参考值 Reference value				电动推杆 Electric actuator	功率 Power (KW)
	L	D	D1	D2	b	f	Z-Φd	L1	H	H1	W(Kg)		
	PN0.25(MPa) (JB78)												
300	178	435	395	362	16	3	12-Φ23	1095	725	460	86	DYT-300	0.37
350	190	485	445	412	16	3	12-Φ23	1095	780	485	95	DYT-300	0.37
400	216	535	495	462	16	3	16-Φ23	1145	830	510	136	DYT-300	0.37
450	222	590	550	518	16	3	16-Φ23	1145	885	540	154	DYT-300	0.37
500	229	640	600	568	20	4	16-Φ23	1145	935	565	165	DYT-300	0.37
600	267	755	705	670	20	4	20-Φ25	1225	1210	670	237	DYT-300	0.37
700	292	860	810	775	20	4	24-Φ25	1270	1320	725	283	DYT-300	0.37
800	318	975	920	880	20	4	24-Φ30	1270	1440	782	338	DYT-300	0.37
900	330	1075	1020	980	20	4	24-Φ30	1270	1540	835	379	DYT-300	0.37
1000	410	1175	1120	1080	20	4	28-Φ30	1270	1680	915	436	DYT-300	0.37
1200	470	1375	1320	1280	20	4	32-Φ30	1300	1950	1050	587	DYT-300	0.37
1400	530	1575	1520	1480	20	4	36-Φ30	1300	2150	1150	746	DYT-300	0.37
1600	600	1785	1730	1690	24	4	40-Φ30	1410	2470	1335	1075	DYT-500	0.37
1800	670	1985	1930	1890	24	4	44-Φ30	1410	2670	1435	1473	DYT-500	0.37
2000	760	2185	2130	2090	24	4	48-Φ30	1410	2870	1535	2195	DYT-500	0.37

注：本公司可为用户制作电动、气动推杆蝶阀。

Note: Our company can make electric or pneumatic actuator butterfly valve for user.



伸缩蝶阀 Flexible butterfly valve

概述 General

伸缩蝶阀集伸缩器、蝶阀功能于一体，具有很好的实用性。因此，对老管路的改造和配套阀门的换代，伸缩蝶阀是您最理想的选择，它将给您的工程带来事半功倍的效益。

The flexible butterfly valve has the double functions as a butterfly valve and a telescopic device .which is quite practical .It is especially idea line the repair and reform of old pipelines and in the replacement of valves as accessories ,which will bring unusual beneficial results to your project .

执行标准 Executive standard

1、设计与制造 GB12238-89《通用阀门法兰和对夹连接蝶阀》

2、法兰尺寸：

PN=1.0MPa 按JB/T82.1-94(即原标准JB82-59)《凸面对焊钢制管法兰》规定

PN=1.6MPa 按GB9113.3-88《凸面整体钢制管法兰》规定

3、结构长度 GB12221-89《法兰连接金属阀门 结构长度》

4、检验和试验 GB/T13927-92《通用阀门 压力试验》

1.Design and making: GB12238-89 *Currcy valve Flange and wafer connection valve*

2.Flange size:

PN=1.0MPa according to JB/T82.1-94(former standard JB82-59) *Butt joint connection steelness pipe blank flange.*

PN=1.6MPa according to GB9113.3-88 *all-steel pipe blank flange.*

3.Structure length according to GB12221-89 *Flange connection metal valve Face-to-face length*

4.Test according to GB/T13927-92 *General-purpose valve Pressure test.*

蝶阀主要零件材料Material of main parts

名称 Name	材料 Material
阀体 Body	灰铸铁、球墨铸铁、铸钢、不锈钢 Gray cast iron, ductile cast iron, cast steel, stainless steel
阀座 Seat	天然、丁腈、氯丁、硅、聚四氟乙烯、不锈钢 Natural, NBR, duprene, silicon rubber,PTFE, stainless steel
蝶板 Disc	球墨铸铁、不锈钢、聚四氟乙烯 Ductile cast iron, stainless steel, PTFE
阀杆 Stem	不锈钢、镍铜合金 Stainless steel, Ni-Cu alloy
衬套 Bushing	铸铝青铜、聚四氟乙烯 Cast Al-Cu, PTFE
O形圈 O-ring	橡胶、聚四氟乙烯 Rubber, PTFE

伸缩蝶阀的选用及注意事项 Points of attention for the selection and uses of telescopic butterfly valves

伸缩蝶阀，顾名思义集伸缩器与蝶阀于一体，双重功能。其特点是利用伸缩器的功能便于蝶阀的安装与维修。伸缩蝶阀分三种类型：

一、普通型：选用时按伸缩器的设计规范设计安装，如需加限位螺栓，请设计时注明，订货合同中写清。

二、固定限位型：它即可伸缩，又能限位，具有把伸缩部分固定起来不使其伸缩的功能。其特点是功能多，适用范围更广。

三、加长型：它是把普通型伸缩蝶阀的伸缩节加长，使其长度符合用户所需长度（不包括伸缩量），其特点是在老管路的改造时，原管道上的阀门需要更新换代，不需把原管道上的阀门的连接部分割补，即可取而代之。

加长型选用时也应考虑加限位措施，如需限位请设计时注明，订货合同中写清。

The telescopic butterfly valve has the double function of the telescopic and provides a special advantage of easy installation and repair for the butterfly valve ,such valves are classified into 3 types.

1 .General Type: installed according to the design specifications of the telescopic device when selected for use. If limiting bolt needed please specify in design and ordering contract.

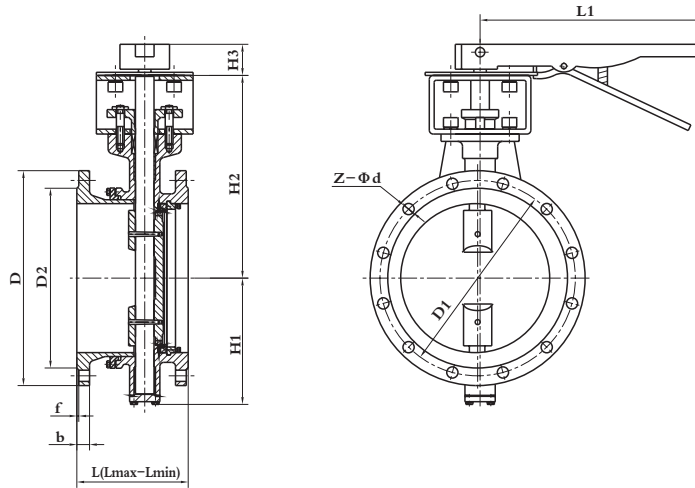
2 .Fixed limiting type : It can be pulled in and out and used as a limiting device and also has the function to fasten its telescopic section to stop at its movement , it has the advantages of versatility and wide-range application .

3 .Extension type :such valves are different from the general type in that the telescopic sleeve of the valve is purposely prolonged according to the customer's requirements(the range of telescopic extension excluded) .It has the advantage to replace the old valve without prolonging at cutting short pipeline which is especially useful in old pipeline reform .

In the selection of lengthen type whether device is necessary should be taken into consideration .If it is necessary please make it clear in your design and your ordering contract .



XD · Ds43H 型手动伸缩蝶阀 XD · Ds43H type manual flexible butterfly valve



手动伸缩蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of manual flexible butterfly valve

公称通径 Nominal diameter DN(mm)	标准值Standard value									参考值Reference value				
	L	Lmax	Lmin	D	D1	D2	b	f	Z-Φd	H1	H2	H3	L1	W(Kg)
PN0.6(MPa) (JB78)														
50	151	163	138	140	110	90	16	3	4-Φ14	80	112	32	200	11.2
65	170	188	152	160	130	110	16	3	4-Φ14	95	122	32	200	13.4
80	177	192	162	185	150	125	18	3	4-Φ18	98	130	32	150	15.1
100	205	215	175	205	170	145	18	3	4-Φ18	114	142	32	150	22.5
125	215	230	185	235	200	175	20	3	8-Φ18	128	174	32	250	28.3
150	225	240	195	260	225	200	20	3	8-Φ18	139	180	32	300	31.8

主要连接尺寸及重量 Main connecting dimensions and weights

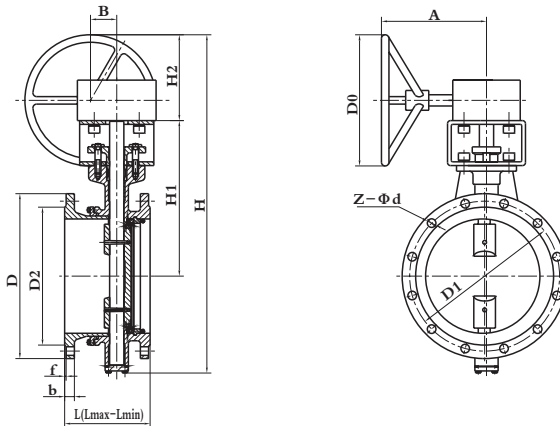
公称通径 Nominal diameter DN(mm)	标准值Standard value									参考值Reference value				
	L	Lmax	Lmin	D	D1	D2	b	f	Z-Φd	H1	H2	H3	L1	W(Kg)
PN1.0(MPa)														
50	151	163	138	165	125	100	16	3	4-Φ18	80	112	32	200	12.3
65	170	188	152	185	145	120	18	3	4-Φ18	95	122	32	200	14.1
80	177	192	162	200	160	135	18	3	4-Φ18	98	130	32	150	16.4
100	205	215	175	220	180	155	20	3	8-Φ18	114	142	32	150	24
125	215	230	185	250	210	185	22	3	8-Φ18	128	174	32	250	29.8
150	225	240	195	285	240	210	22	3	8-Φ23	139	180	32	300	33.5

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter DN(mm)	标准值Standard value									参考值Reference value				
	L	Lmax	Lmin	D	D1	D2	b	f	Z-Φd	H1	H2	H3	L1	W(Kg)
PN1.6(MPa)														
50	151	163	138	165	125	99	20	3	4-Φ18	80	112	32	200	13.5
65	170	188	152	185	145	118	20	3	4-Φ18	95	122	32	200	15.4
80	177	192	162	200	160	132	20	3	8-Φ18	98	130	32	150	17.5
100	205	215	175	220	180	156	22	3	8-Φ18	114	142	32	150	26.3
125	215	230	185	250	210	184	22	3	8-Φ18	128	174	32	250	32.4
150	225	240	195	285	240	211	24	3	8-Φ22	139	180	32	300	35.1



Ds343H 型蜗轮传动伸缩蝶阀 Ds343H type worm-gear operated flexible butterfly valve



蜗轮传动伸缩蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of worm-gear operated flexible butterfly valve

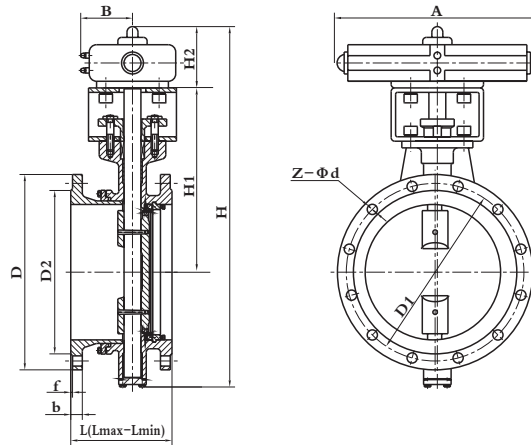
公称通径 Nominal diameter DN(mm)	标准值Standard value									参考值Reference value						
	L	Lmax	Lmin	D	D1	D2	b	f	Z-Φd	H	H1	H2	A	B	D0	W(Kg)
PN0.6(MPa) (JB78)																
50	151	164	138	140	110	90	16	3	4-Φ14	309	112	117	120	35	100	14.3
65	172	190	154	160	130	110	16	3	4-Φ14	337	112	117	120	35	100	16.8
80	177	195	163	182	150	125	18	3	4-Φ18	347	135	117	155	45	100	18.7
100	206	227	184	205	170	145	18	3	4-Φ18	373	142	117	155	45	155	26.2
125	215	254	201	235	200	175	20	3	8-Φ18	405	160	117	155	45	155	33.6
150	225	240	195	260	225	200	20	3	8-Φ18	440	180	117	155	45	155	37.3
200	245	265	215	315	280	255	22	3	8-Φ18	612	225	212	238	65	300	68.7
250	265	295	235	370	335	310	24	3	12-Φ18	693	266	212	238	65	300	86.8
300	282	308	254	435	395	362	24	4	12-Φ23	747	290	212	253	85	300	120
350	300	325	271	485	445	412	26	4	12-Φ23	802	320	212	280	138	316	157
400	314	345	283	535	495	462	28	4	16-Φ23	991	400	265	280	138	316	227
450	340	370	314	590	550	518	28	4	16-Φ23	1037	425	265	400	58	316	260
500	346	377	316	640	600	568	30	4	16-Φ23	1127	480	265	400	58	316	300
600	417	446	388	755	705	670	30	5	20-Φ25	1377	520	380	400	58	316	540
700	425	445	395	860	810	775	32	5	24-Φ25	1496	577	380	400	58	316	684
800	455	479	425	975	920	880	34	5	24-Φ30	1484	620	270	520	120	520	952
900	485	515	455	1075	1020	980	36	5	24-Φ30	1676	725	285	520	120	520	1290
1000	495	525	465	1175	1120	1080	36	5	28-Φ30	1760	760	285	520	120	520	1456
1200	542	574	512	1400	1340	1295	40	5	32-Φ34	2018	900	285	680	140	640	2310
1400	572	599	547	1620	1560	1510	44	5	36-Φ34	2363	1000	425	680	140	640	2816
1600	615	640	589	1820	1760	1710	48	5	40-Φ34	2723	1160	425	680	140	640	4218
1800	695	725	670	2045	1970	1910	50	5	44-Φ41	2844	1247	425	680	140	640	5650
2000	722	764	680	2265	2180	2110	54	5	48-Φ48	3127	1362	425	900	240	800	6000

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter DN(mm)	标准值Standard value									参考值Reference value						
	L	Lmax	Lmin	D	D1	D2	b	f	Z-Φd	H	H1	H2	A	B	D0	W(Kg)
PN1.0/PN1.6(MPa)																
50	151	164	138	165	125	100	16/20	3	4-Φ18	309	112	117	120	35	100	14.3
65	172	190	154	185	145	120	18/20	3	4-Φ18	337	112	117	120	35	100	16.8
80	177	195	163	200	160	135	18/20	3	4-Φ18/8-Φ18	347	135	117	155	45	100	18.7
100	206	227	184	220	180	155	20/22	3	8-Φ18	373	142	117	155	45	155	26.2
125	215	254	201	250	210	185	22	3	8-Φ18	405	160	117	155	45	155	33.6
150	225	240	195	285	240	210	22/24	3	8-Φ23	440	180	117	155	45	155	37.3
200	245	265	215	340	295	265	22/24	3	8-Φ23/12-Φ23	612	225	212	238	65	300	68.7
250	265	295	235	395/405	350/355	320	24/26	3	12-Φ23/12-Φ26	693	266	212	238	65	300	86.8
300	282	308	254	445/460	400/410	368	26/28	4	12-Φ23/12-Φ26	747	290	212	253	85	300	120
350	300	325	271	505/520	460/470	428	26/30	4	16-Φ23/16-Φ26	802	320	212	280	138	316	157
400	314	345	283	565/580	515/525	482	26/32	4	16-Φ26/16-Φ30	991	400	265	280	138	316	227
450	340	370	314	615/640	565/585	532/548	26/34	4	20-Φ26/20-Φ30	1037	425	265	400	58	316	260
500	346	377	316	670/715	620/650	585/609	28/36	4	20-Φ26/20-Φ33	1127	480	265	400	58	316	300
600	417	446	388	780/840	725/770	685/720	28/38	5	20-Φ30/20-Φ36	1377	520	380	400	58	316	540
700	425	445	395	895/910	840	800	30/40	5	24-Φ30/24-Φ36	1496	577	380	400	58	316	684
800	455	479	425	1015/1025	950	905	32/42	5	24-Φ34/24-Φ39	1484	620	270	520	120	520	952
900	485	515	455	1115/1125	1050	1005	34/44	5	28-Φ34/28-Φ39	1676	725	285	520	120	520	1290
1000	495	525	465	1230/1255	1160/1170	1115	34/46	5	28-Φ36/28-Φ42	1760	760	285	520	120	520	1456
1200	542	574	512	1455/1485	1380/1390	1325	38/52	5	32-Φ41/32-Φ48	2018	900	285	680	140	640	2310
1400	572	599	547	1675/1685	1590	1525	42/58	5	36-Φ48	2363	1000	425	680	140	640	2816
1600	615	640	589	1915/1930	1820	1750	46/64	5	40-Φ54/40-Φ56	2723	1160	425	680	140	640	4218
1800	695	725	670	2115/2130	2020	1950	50/68	5	44-Φ54/44-Φ56	2844	1247	425	680	140	640	5650
2000	722	764	680	2325/2345	2230	2160	54/70	5	46-Φ54/48-Φ62	3127	1362	425	900	240	800	6000



Ds643H 型气动伸缩蝶阀 Ds643H type pneumatic actuator flexible butterfly valve



气动伸缩蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of pneumatic actuator flexible butterfly valve

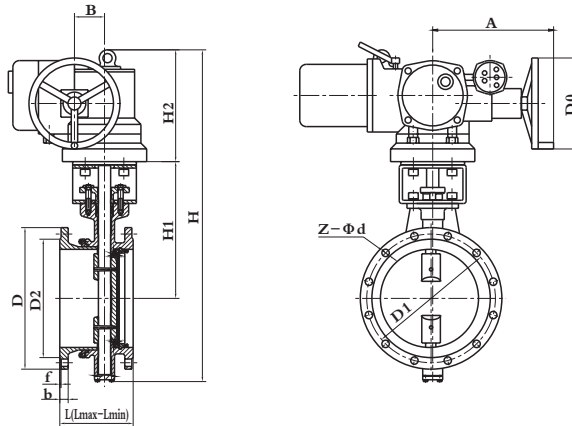
公称通径 Nominal diameter	标准值 Standard value									参考值 Reference value					
	L	Lmax	Lmin	D	D1	D2	b	f	Z-Φd	H	H1	H2	A	B	W(Kg)
DN(mm)	PN0.6(MPa) (JB78)														
50	151	164	138	140	110	90	16	3	4-Φ14	372	112	180	180	65	17
65	172	190	154	160	130	110	16	3	4-Φ14	400	112	180	180	65	19
80	177	195	163	185	150	125	18	3	4-Φ18	404	135	174	245	72	20
100	206	227	184	205	170	145	18	3	4-Φ18	430	142	174	245	72	25
125	215	254	201	235	200	175	20	3	8-Φ18	462	160	174	245	72	32
150	225	240	195	260	225	200	20	3	8-Φ18	608	182	285	355	93	35
200	245	265	215	315	280	255	22	3	8-Φ18	685	225	285	355	93	60
250	265	295	235	370	335	310	24	3	12-Φ18	741	266	260	550	350	83
300	282	308	254	435	395	362	24	4	12-Φ23	795	290	260	600	350	110
350	300	325	271	485	445	412	26	4	12-Φ23	820	320	260	600	350	130
400	314	345	283	535	495	462	28	4	16-Φ23	986	400	260	600	350	166
450	340	370	314	590	550	518	28	4	16-Φ23	1052	425	280	750	380	210
500	346	377	316	640	600	568	30	4	16-Φ23	1142	480	280	750	380	252
600	417	446	388	755	705	670	30	5	20-Φ25	1277	520	280	750	380	330
700	425	445	395	860	810	775	32	5	24-Φ25	1396	577	280	750	380	630
800	455	479	425	972	920	880	34	5	24-Φ30	1494	620	280	750	380	1070
900	485	515	455	1075	1020	980	36	5	24-Φ30	1592	715	200	650	280	1700
1000	495	525	465	1175	1120	1080	36	5	28-Φ30	1675	760	200	650	280	1950

主要连接尺寸及重量 Main connecting dimensions and weights

公称通径 Nominal diameter	标准值 Standard value									参考值 Reference value					
	L	Lmax	Lmin	D	D1	D2	b	f	Z-Φd	H	H1	H2	A	B	W(Kg)
DN(mm)	PN1.0/PN1.6(MPa)														
50	151	164	138	165	125	100	16/20	3	4-Φ18	372	180	112	180	65	17
65	172	190	154	185	145	120	18/20	3	4-Φ18	400	180	112	180	65	19
80	177	195	163	200	160	135	18/20	3	4-Φ18/8-Φ18	404	174	135	245	72	20
100	206	227	184	220	180	155	20/22	3	8-Φ18	430	174	142	245	72	25
125	215	254	201	250	210	185	22	3	8-Φ18	462	174	160	245	72	32
150	225	240	195	285	240	210	22/24	3	8-Φ23	608	285	180	355	93	35
200	245	265	215	340	295	265	22/24	3	8-Φ23/12-Φ23	685	285	225	355	93	60
250	265	295	235	395/405	350/355	320	24/26	3	12-Φ23/12-Φ26	741	260	266	550	350	82
300	282	308	254	445/460	400/410	368	26/28	4	12-Φ23/12-Φ26	795	260	290	600	350	110
350	300	325	271	505/520	460/470	428	26/30	4	16-Φ23/16-Φ26	850	260	320	600	350	130
400	314	345	283	565/580	515/525	482	26/32	4	16-Φ26/16-Φ30	986	260	400	600	350	166
450	340	370	314	615/640	565/585	532/548	26/34	4	20-Φ26/20-Φ30	1052	280	425	750	380	210
500	346	377	316	670/715	620/650	585/609	28/36	4	20-Φ26/20-Φ33	1142	280	480	750	380	252
600	417	446	388	780/840	725/770	685/720	28/38	5	20-Φ30/20-Φ36	1277	280	520	750	380	330
700	425	445	395	895/910	840	800/794	30/40	5	24-Φ30/24-Φ36	1396	280	577	750	380	630
800	455	479	425	1015/1025	950	905/901	32/42	5	24-Φ34/24-Φ39	1494	280	620	750	380	1070
900	485	515	455	1115/1125	1050	1005/1001	34/44	5	28-Φ34/28-Φ39	1592	200	715	650	280	1700
1000	495	525	465	1230/1255	1160/1170	1115/1112	34/46	5	28-Φ36/28-Φ42	1675	200	760	650	280	1950



Ds943H 型电动伸缩蝶阀 Ds943H type electric actuator flexible butterfly valve



电动伸缩蝶阀主要连接尺寸及重量

Main connecting dimensions and weights of electric actuator flexible butterfly valve

公称口径 Nominal diameter DN(mm)	标准值 Standard value									参考值 Reference value						
	L	Lmax	Lmin	D	D1	D2	b	f	Z-Φd	H	H1	H2	A	B	D0	W(Kg)
PN0.6(MPa) (JB78)																
50	151	164	138	140	110	90	16	3	4-Φ14	440	112	248	150	50	250	15.3
65	172	190	154	160	130	110	16	3	4-Φ14	355	112	248	150	50	250	17.5
80	177	195	163	182	150	125	18	3	4-Φ18	481	135	248	178	65	300	20.3
100	206	227	184	205	170	145	18	3	4-Φ18	504	142	248	178	65	300	28.6
125	215	254	201	235	200	175	20	3	8-Φ18	536	160	248	178	65	300	35.9
150	225	240	195	260	225	200	20	3	8-Φ18	652	180	333	178	65	300	40.2
200	245	265	215	315	280	255	22	3	8-Φ18	732	225	333	419	92	365	72
250	265	295	235	370	335	310	24	3	12-Φ18	823	266	342	419	92	365	89.5
300	282	308	254	435	395	362	24	4	12-Φ23	877	290	342	437	108	365	125
350	300	325	271	485	445	412	26	4	12-Φ23	932	320	342	461	128	365	163
400	314	345	283	535	495	462	28	4	16-Φ23	1047	400	342	473	152	365	232
450	340	370	314	590	550	518	28	4	16-Φ23	1092	425	342	489	168	365	275
500	346	377	316	640	600	568	30	4	16-Φ23	1182	480	342	513	192	365	325
600	417	446	388	755	705	670	30	5	20-Φ25	1380	520	415	668	329	365	265
700	425	445	395	860	810	775	32	5	24-Φ25	1497	577	415	668	329	365	705
800	455	479	425	975	920	880	34	5	24-Φ30	1545	620	365	685	358	560	955
900	485	515	455	1075	1020	980	36	5	24-Φ30	1710	725	365	685	358	560	1350
1000	495	525	465	1175	1120	1080	36	5	28-Φ30	1805	760	365	685	358	560	1540
1200	542	574	512	1400	1340	1295	40	5	32-Φ34	2091	900	396	685	358	560	1440
1400	572	599	547	1620	1560	1510	44	5	36-Φ34	2296	1000	396	1065	250	320	2980
1600	615	640	589	1820	1760	1710	48	5	40-Φ34	2720	1160	460	1065	250	320	4450
1800	695	725	670	2045	1970	1910	50	5	44-Φ41	2831	1247	460	1175	300	530	5950
2000	722	764	680	2265	2180	2110	54	5	48-Φ48	3114	1362	460	1565	300	500	6540

主要连接尺寸及重量 Main connecting dimensions and weights

公称口径 Nominal diameter DN(mm)	标准值 Standard value									参考值 Reference value						
	L	Lmax	Lmin	D	D1	D2	b	f	Z-Φd	H	H1	H2	A	B	D0	W(Kg)
PN1.0/PN1.6(MPa)																
50	151	164	138	165	125	100	16/20	3	4-Φ18	440	112	248	150	50	250	15.1
65	172	190	154	185	145	120	18/20	3	4-Φ18	355	112	248	150	50	250	17.3
80	177	195	163	200	160	135	18/20	3	4-Φ18/8-Φ18	481	135	248	178	65	300	19.2
100	206	227	184	220	180	155	20/22	3	8-Φ18	504	142	248	178	65	300	27.5
125	215	254	201	250	210	185	22	3	8-Φ18	536	160	248	178	65	300	34.6
150	225	240	195	285	240	210	22/24	3	8-Φ23	652	180	333	178	65	300	38.9
200	245	265	215	340	295	265	22/24	3	8-Φ23/12-Φ23	732	225	333	419	92	365	70.3
250	265	295	235	395/405	350/355	320	24/26	3	12-Φ23/12-Φ26	823	266	342	419	92	365	89.5
300	282	308	254	445/460	400/410	368	26/28	4	12-Φ23/12-Φ26	877	290	342	437	108	365	124
350	300	325	271	505/520	460/470	428	26/30	4	16-Φ23/16-Φ26	932	320	342	461	128	365	162
400	314	345	283	565/580	515/525	482	26/32	4	16-Φ26/16-Φ30	1047	400	342	473	152	365	302
450	340	370	314	615/640	565/585	532/548	26/34	4	20-Φ26/20-Φ30	1092	425	342	489	168	365	268
500	346	377	316	670/715	620/650	585/609	28/36	4	20-Φ26/20-Φ33	1182	480	342	513	192	365	312
600	417	446	388	780/840	725/770	685/720	28/38	5	20-Φ30/20-Φ36	1380	520	415	668	329	365	550
700	425	445	395	895/910	840	800/794	30/40	5	24-Φ30/24-Φ36	1497	577	415	668	329	365	698
800	455	479	425	1015/1025	950	905/901	32/42	5	24-Φ34/24-Φ39	1545	620	365	685	358	560	972
900	485	515	455	1115/1125	1050	1005/1001	34/44	5	28-Φ34/28-Φ39	1710	725	365	685	358	560	1320
1000	495	525	465	1230/1255	1160/1170	1115/1112	34/46	5	28-Φ36/28-Φ42	1805	760	365	685	358	560	1490
1200	542	574	512	1455/1485	1380/1390	1325/1328	38/52	5	32-Φ41/32-Φ48	2091	900	396	685	358	560	2380
1400	572	599	547	1675/1685	1590	1525/1530	42/58	5	36-Φ48	2296	1000	396	1065	250	320	2900
1600	615	640	589	1915/1930	1820	1750	46/64	5	40-Φ54/40-Φ56	2720	1160	460	1065	250	320	4320
1800	695	725	670	2115/2130	2020	1950	50/68	5	44-Φ54/44-Φ56	2831	1247	460	1175	300	530	5780
2000	722	764	680	2325/2345	2230	2150	54/70	5	46-Φ54/48-Φ62	3114	1362	460	1565	300	500	6230



伸缩器 Retractable device

概述 Survey

SX-10管道伸缩器(又称伸缩节),在一定范围内可轴向伸缩,也能在一定的角度范围内克服管道对接不同轴而产生的偏移,能极大的方便阀门管道的安装和拆卸。

SX-10 retractable device(also called expansion joint) can stretch axially to a certain extent and also can eliminate the deviation from connection of them not in the same line to some extent so as to greatly benefit the installation and dismounting of valve pipelines.

执行标准 Administer standard

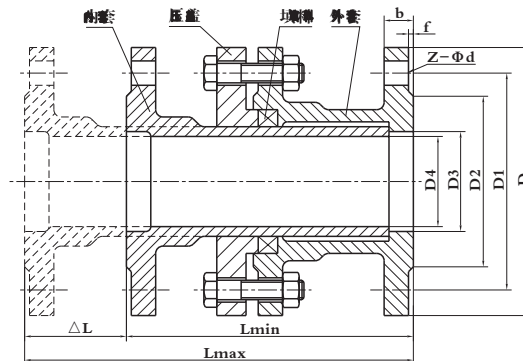
- 1、法兰尺寸:
PN=1.0MPa 按JB/T82.1-94(即原标准JB82-59)《凸面对焊钢制管法兰》规定
 - 2、检验和试验 GB/T13927-92《通用阀门 压力试验》
1. Flange size:
PN=1.0MPa according to JB/T82.1-94(former standard JB82-59) *Butt joint connection steelness pipe blank flange.*
2. Test according to GB/T13927-92 *General-purposed valve Pressure test.*

性能规范 Performance criterion

公称压力 Nominal diameter	强度试验压力 Strength testing pressure	密封试验压力 Sealing testing pressure	适用介质 Suitable media	适用温度 Suitable temperature
1.0MPa	1.5MPa	1.1MPa	水、油 Water, oil	≤425℃

主要零部件材料 Material of main parts

名称 Name	外套、内套、压盖 Outside and inside sheath, gland	填料 Stuffing
材料 Material	铸铁、铸钢 Cast iron, cast steel	橡胶 Rubber



SX-10伸缩器 SX-10 retractable device

主要连接尺寸 Main connecting dimensions

公称通径 Nominal diameter DN(mm)	设计长度 Design length inch	补偿量 Compensation	补偿量变化范围 Compensation bound of change	主要连接尺寸 Main connecting dimensions									
				D	D1	D2	D3	D4	b	f	Z-Φd		
PN1.0(MPa)													
50	2	290	240~340	165	125	100	55	50	16	3	4-Φ18		
65	2 1/2			185	145	120	70	65	18	3	4-Φ18		
80	3			200	160	135	80	80	18	3	4-Φ18		
100	4			220	180	155	105	100	20	3	8-Φ18		
125	5			250	210	185	130	125	22	3	8-Φ18		
150	6			285	240	210	155	148	22	3	8-Φ23		
200	8	300	250~350	340	295	265	205	198	22	3	8-Φ23		
250	10			395	350	320	255	248	24	3	12-Φ23		
300	12			445	400	368	305	296	26	4	12-Φ23		
350	14			505	460	428	355	346	26	4	16-Φ23		
400	16			565	515	482	410	396	26	4	16-Φ26		
450	18			310	260~360	615	565	532	460	436	26	4	20-Φ26
500	20	670	620			585	510	486	28	4	20-Φ26		
600	24	780	725			685	610	584	28	5	20-Φ30		
700	28	345	295~395	895	840	800	710	686	30	5	24-Φ30		
800	32	425	350~500	1015	950	905	810	786	32	5	24-Φ34		
900	36			1115	1050	1005	910	876	34	5	28-Φ34		
1000	40			1230	1160	1115	1010	974	34	5	24-Φ36		
1200	48			1455	1380	1325	1210	1170	38	5	32-Φ41		
1400	56			460	385~535	1675	1590	1525	1410	1364	42	5	36-Φ48



软密封双偏心法兰蝶阀 Soft seated double eccentric flange butterfly valve

产品简介

本蝶阀是我公司最新研制的软密封偏心法兰蝶阀，主要适用于水厂、电厂、钢厂冶炼、造纸、化工、水源工程、环境设施建设等系统供排水用，尤其适用于水道管路上，作为调节和截流设备使用。

结构特点

- 1、设计合理，结构紧凑，装拆容易，便于维修。
- 2、采用偏心结构，减少密封圈的摩擦，延长阀门使用寿命。
- 3、阀板密封采用"T"形结构，密封副呈线性密封。
- 4、完全密封，泄漏为零。
- 5、更换阀板密封圈、“O”形圈，蝶板、转轴等材质，可适用多种介质和不同温度。

执行标准

- 1、设计与制造：GB/T12238-89 标准。
- 2、法兰尺寸：
 - PN1.0MPa 按GB4216.4-84《灰铸铁管法兰及垫片》标准。
 - PN1.6MPa按GB4216.5-84《灰铸铁管法兰及垫片》标准。
 - 同时分别符合BS4504, ISO2084, DIN2501中PN1.0MPa, PN1.6MPa法兰连接标准。
- 3、结构长度
 - (1)短结构符合GB12221-89《法兰连接金属阀门结构长度》中对夹式蝶阀长系列尺寸规定。
 - (2)长系列符合GB12221-89《法兰连接金属阀门结构长度》中双法兰连接蝶阀长系列尺寸规定。
- 4、检验和试验 按GB/T13927-92《通用阀门 试验压力》标准。

驱动方式

蜗轮-蜗杆、电动

Product introduction

The soft seated eccentric flanged butterfly valve ,newly developed by company ,can be used for water supply and drainage systems in water works ,power generating factory ,mill plant ,paper-making ,chemicals and water source projects and the construction of environment installations ,especially suitable for use as an ideal equipment for throttling or shutting off flow in water pipelines .

Structure traits

- 1.Reasonable in design ,compact in construction ,easy to install and maintain .
- 2.The double eccentric structure reduces friction of the sealing ring ,providing the valve a long service life .
- 3."T" structure of the disc sealing ring .The sealing pair is linear sealing .
- 4.Bubble-tight sealing with no leakage under testing pressure .
- 5.Replacing materials of the disc ring ,"O"-ring ,disc and shaft ,the valve can be used for various medium and temperature .

Executive standards

- 1.Design and making : GB/T12238-89 standard .
- 2.Size of flange
 - PN1.0MPa according to GB4216.4-84 *Grey cast iron pipe flanges and gaskets.*
 - PN1.6MPa according to GB4216.5-84 *Grey cast iron pipe flanges and gaskets.*
 - And PN1.0MPa ,PN1.6MPa flange-connection standard given in BS4504 ,ISO2084 ,DIN2501 .
- 3.Face-to-face dimensions:
 - (1)Short body is in accordance with the dimensions of long series of wafer butterfly valve in GB12221-89 *Metal valves for use in flanged pipe systems face-to-face and center-to-face dimensions.*
 - (2)Long body is in accordance with the dimensions of long series of double flanged butterfly valve given in GB12221-89 *Metal valves for use in flanged pipe systems face-to-face and center-to-face dimensions.*
- 4.The tests are in accordance with GB/T13927-92 *Pressure test for general purpose valves.*

Type of driving

Worm gear actuator, electric actuator.



性能规范 Technical data

公称通径 DN Nominal diameter	100~1200	100~1200	mm	
公称压力 PN Nominal pressure	1.0	1.6	MPa	
试验压力 Testing pressure	密封 Sealing	1.1		1.76
	壳体 Shell	1.5		2.4
适用温度 °C Suitable temperature	-15~+110			
适用介质 Suitable mediums	淡水、污水、海水、空气等。 Fresh water, sewage, sea water, air etc.			

零件名称 Name of parts	材料 Materials
阀体 Body	灰铸铁、球墨铸铁 Cast iron, ductile iron
阀板 Disc	球墨铸铁 Ductile iron
转轴 Shaft	不锈钢 Stainless steel
轴套 Bushing	铸造锰黄铜 Cast-Mn brass
阀板密封圈 Disc dealing ring	丁腈橡胶、乙丙橡胶 BUNA-N, EPDM

阀门流量特征 Flow characteristic

Cv值定义 Determination of Cv value

当阀门全开时，阀门两端差为1磅/英寸²，流体用60° F(15.5°C) 的清水时，流经阀门的美加仑/分的流量数值。

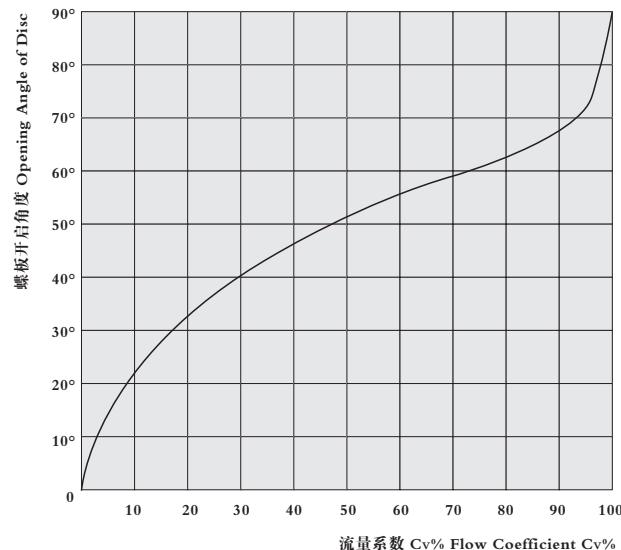
As the valve is fully opened, the pressure differential at end of the valve is 1Lbf/in² and when the flow liquid is water a temperature of 60° F(15.5°C), the flow value of US gal/min.

$$Cv = V \sqrt{\frac{G}{\Delta P}} = V \sqrt{\frac{G}{P1 - P2}}$$

V: 最大流量 (美加仑/分) V: Max. flow (in US gal/min)
G: 比重 (水=1) G: Specific gravity (1 for water)
P1: 流入侧压力 (磅/英寸²) P1: Flow-in side pressure (Lbf/m²)
P2: 流出侧压力 (磅/英寸²) P2: Flow-out side pressure (Lbf/m²)
ΔP: 压力降 (磅/英寸²) ΔP: Pressure decrease (Lbf/cm²)

公称通径 DN Nominal diameter (mm)	Cv	公称通径 DN Nominal diameter (mm)	Cv
100	471	500	15788
150	1091	600	23162
200	1895	700	31870
250	3735	800	41911
300	5593	900	28169
350	7685	1000	71175
400	10030	1200	102845
450	13377		

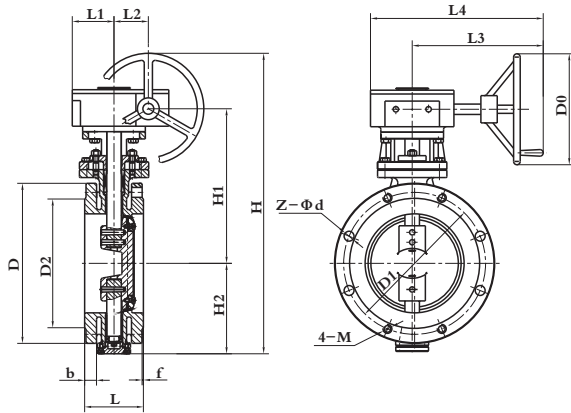
流量系数 Cv Flow Coefficient Cv



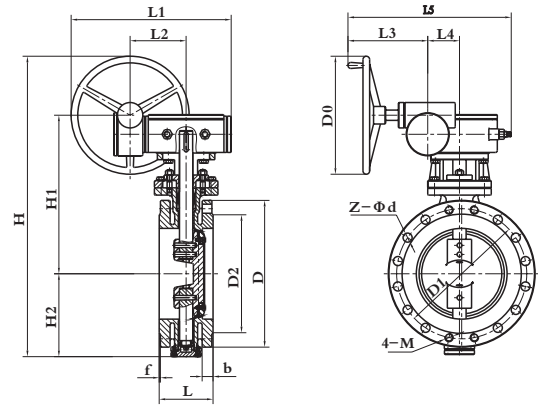


D343X-10 DN100~1200 软密封双偏心结构蜗轮动蝶阀

D343X-10 DN100~1200 Soft seated double eccentric worm gear actuated butterfly valve



D343X-10 DN100~250



D343X-10 DN300~1200

D343X-10 型蜗轮动蝶阀 D343X-10 type worm-gear operated butterfly valve

主要连接尺寸及重量 Main connecting dimensions and weights

DN mm	手动装置 Manual actuator	短结构 Short body	长结构 Long body	D	D1	D2	b	f	短结构 Short body		长结构 Long body	H	H1	H2	L1	L2	L3	L4	L5	D0	短结构 Short body	长结构 Long body
									Z-Φd	4-M												
100	3D-15	-	190	220	180	158	24	3	-	-	8-Φ17.5	446	234	122	64	48	121	180	-	180	-	25
150	3D-20	-	210	285	240	212	26	3	-	-	8-Φ22	521	279	153	74	58	128	194	-	180	-	37
200	3D-50	89	230	340	295	268	28	3	4-Φ22	M20	8-Φ22	690	349	216	80	70	163	241	-	250	53	63
250	3D-120	114	250	395	350	320	28	3	8-Φ22	M20	12-Φ22	800	406	219	98	95	193	291	-	350	81	94
300	3D-30/250	114	270	445	400	370	28	4	8-Φ22	M20	12-Φ22	959	524	267	449	178	254	104	473	300	128	148
350	3D-30/250	127	290	505	460	430	30	4	12-Φ22	M20	16-Φ22	1048	583	315	449	178	254	104	473	300	156	188
400	3D-30/250	140	310	565	515	482	32	4	12-Φ26	M24	16-Φ26	1120	620	350	449	178	254	104	473	300	205	237
450	3D-30/250	152	330	615	565	532	32	4	16-2Φ26	M24	20-Φ26	1190	667	373	449	178	254	104	473	300	228	268
500	3D-30/400	152	350	670	620	585	34	5	26-Φ26	M24	20-Φ26	1280	702	428	486	196	254	130	528	300	242	289
600	3D-60/800	178	390	780	725	685	36	5	26-Φ30	M27	20-Φ30	1409	759	450	627	244	245	162	596	400	414	480
700	3D-60/800	229	430	895	840	800	40	5	20-Φ30	M27	24-Φ30	1612	885	528	627	244	245	162	596	400	522	615
800	3D/120/1500	241	470	1015	950	905	44	5	20-Φ33	M30	24-Φ33	1736	1013	573	635	370	295	196	711	300	689	818
900	3D-120/1500	241	510	1115	1050	1005	46	5	24-Φ33	M30	28-Φ33	1860	1071	639	635	370	295	196	711	300	804	956
1000	3D-120/2500	300	550	1230	1160	1110	50	5	24-Φ36	M33	28-Φ36	2107	1234	723	955	455	296	295	807	300	1177	1277
1200	3D-120/2500	360	630	1455	1380	1330	56	5	28-Φ39	M36	32-Φ39	2326	1343	833	955	455	296	295	807	300	1508	1764

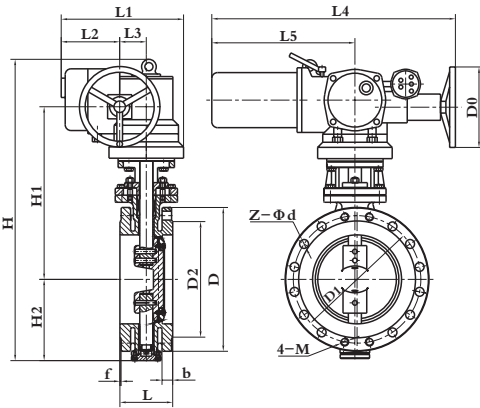
注：短结构法兰蝶阀端法兰有四个螺纹孔，如图所示，其余为光孔，长结构法兰蝶阀端法兰均为光孔。

Note: There are 4 screwed holes on the flange of short body flanged butterfly valve shown as the fig, the others are through holes, those are all through holes for long body flanged butterfly valve.

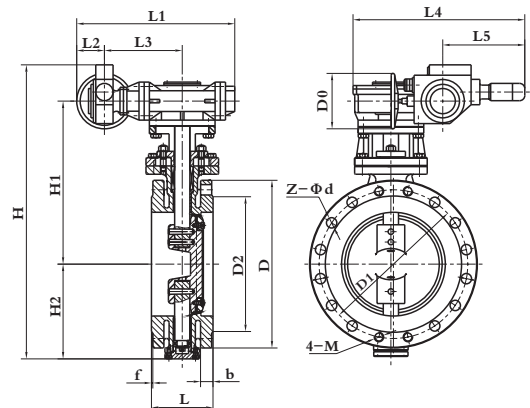


D943X-10 DN100~1200 软密封双偏心结构电动蝶阀

D943X-10 DN100~1200 Soft seated double eccentric electric actuated butterfly valve



D943X-10 DN100~700



D943X-10 DN800~1200

D943X-10 型电动蝶阀 D943X-10 type electric actuator butterfly valve

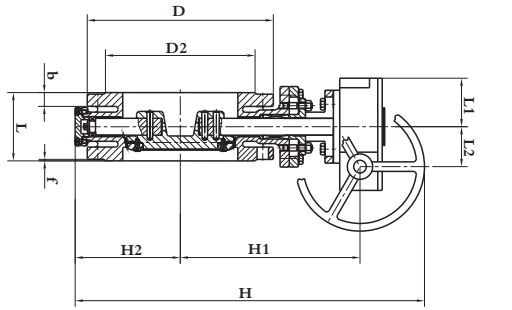
主要连接尺寸及重量 Main connecting dimensions and weights

DN mm	手动装置 Manual actuator	短结构 Short body	长结构 Long body	D	D1	D2	b	f	短结构 Short body		长结构 Long body	H	H1	H2	L1	L2	L3	L4	L5	D0	短结构 Short body	长结构 Long body
									Z-Φd	4-M												
100	3D-15	-	190	220	180	158	24	3	-	-	8-Φ17.5	569	279	122	323	134	79	420	253	220	-	40
150	3D-20	-	210	285	240	212	26	3	-	-	8-Φ22	642	321	153	323	134	79	420	253	220	-	53
200	3D-50	89	230	340	295	268	28	3	4-Φ22	M20	8-Φ22	811	349	216	410	144	110	552	330	360	76	86.6
250	3D-120	114	250	395	350	320	28	3	8-Φ22	M20	12-Φ22	856	436	219	410	144	110	552	330	360	105	117
300	3D-30/250	114	270	445	400	370	28	4	8-Φ22	M20	12-Φ22	1008	531	267	473	148	140	625	365	500	161	181
350	3D-30/250	127	290	505	460	430	30	4	12-Φ22	M20	16-Φ22	1097	572	315	473	148	140	625	365	500	189	221
400	3D-30/250	140	310	565	515	482	32	4	12-Φ26	M24	16-Φ26	1169	609	350	473	148	140	625	365	500	238	270
450	3D-30/250	152	330	615	565	532	32	4	16-2Φ26	M24	20-Φ26	1219	636	373	473	148	140	625	365	500	261	301
500	3D-30/400	152	350	670	620	585	34	5	26-Φ26	M24	20-Φ26	1318	680	428	473	148	140	625	365	500	260	307
600	3D-60/800	178	390	780	725	685	36	5	26-Φ30	M27	20-Φ30	1380	720	450	473	148	140	625	365	500	380	446
700	3D-60/800	229	430	895	840	800	40	5	20-Φ30	M27	24-Φ30	1839	1629	528	590	148	140	696	230	500	598	691
800	3D/120/1500	241	470	1015	950	905	44	5	20-Φ33	M30	24-Φ33	1663	942	573	834.5	180	439.5	970	510	360	781	910
900	3D-120/1500	241	510	1115	1050	1005	46	5	24-Φ33	M30	28-Φ33	1787	1000	639	834.5	180	439.5	970	510	360	895	1048
1000	3D-120/2500	300	550	1230	1160	1110	50	5	24-Φ36	M33	28-Φ36	1983	1108	723	1050	180	520	1044	553	360	1255	1355
1200	3D-120/2500	360	630	1455	1380	1330	56	5	28-Φ39	M36	32-Φ39	2202	1217	833	1050	180	520	1044	553	360	1586	1842

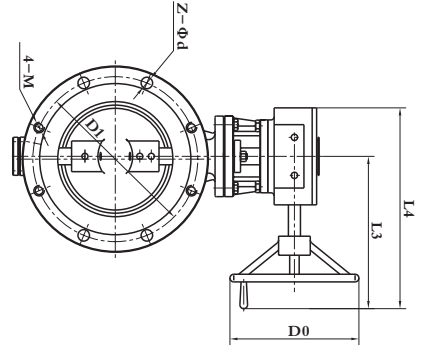
注：短结构法兰蝶阀端法兰有四个螺纹孔，如图所示，其余为光孔，长结构法兰蝶阀端法兰均为光孔。

Note: There are 4 screwed holes on the flange of short body flanged butterfly valve shown on the figure, the others are through holes, those are all through holes for long body flanged butterfly valve.

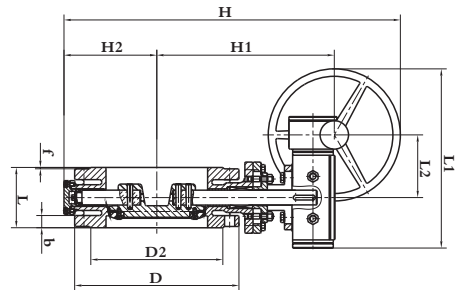
D343X-16 DN100~1200 软密封双偏心结构蜗轮蜗杆蝶阀 Soft seated double-eccentric worm gear actuated butterfly valve



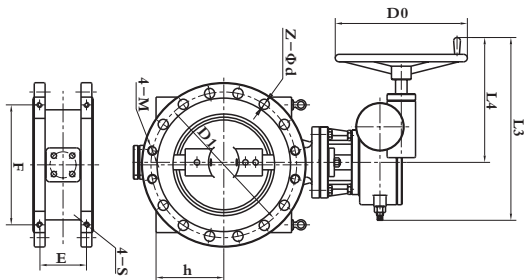
D343X-16 DN100-250



D343X-16 type worm-gear operated butterfly valve



D343X-16 DN300-1200



主要连接尺寸及重量 Main connecting dimensions and weights

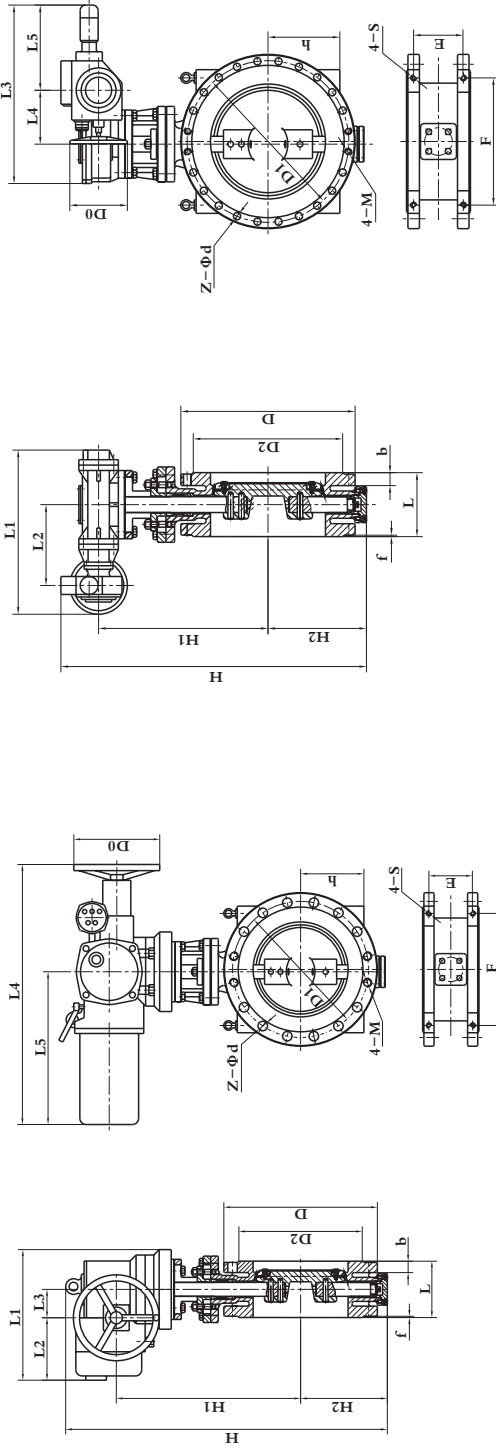
DN mm	手动装置 Manual actuator	短结构 Short body		D	D1	D2	b	f	短结构 Short body		H	H1	H2	L1	L2	L3	L4	长结构 Long body		H	H1	H2	L1	L2	L3	L4	E	F	4-S	h	D0	重量 Weight(Kg)	
		L	L						Z-φd	4-M								Z-φd	Z-φd													短结构 Short body	长结构 Long body
100	3D-15	-	190	220	180	158	24	3	4-Φ17.5	M16	8-Φ17.5	446	234	122	202	48	180	121	-	-	-	-	-	-	-	-	-	-	-	-	180	-	25
150	3D-20	-	210	285	240	212	26	3	4-Φ22	M20	8-Φ22	521	279	153	222	58	194	128	-	-	-	-	-	-	-	-	-	-	-	-	180	-	37
200	3D-50	89	230	340	295	268	30	3	8-Φ22	M20	12-Φ22	690	349	216	275	70	241	163	-	-	-	-	-	-	-	-	-	-	-	250	53	63	
250	3D-120	114	250	405	355	320	32	3	8-Φ26	M24	12-Φ26	782	398	209	368	95	291	193	-	-	-	-	-	-	-	-	-	-	-	350	81	94	
300	3D-30/250	114	270	460	410	370	32	4	8-Φ26	M24	12-Φ26	980	556	277	449	178	473	358	-	-	-	-	-	-	-	-	-	-	-	300	145	165	
350	3D-30/250	127	290	520	470	430	36	4	12-Φ26	M24	16-Φ26	1048	586	315	449	178	473	358	84	247	370	4-M10	216	300	300	300	300	216	300	190	214		
400	3D-30/400	140	310	580	525	482	38	4	12-Φ30	M27	16-Φ30	1138	653	335	486	196	528	384	95	265	410	4-M12	238	300	300	300	300	238	300	232	264		
450	3D-30/400	152	330	610	585	548	40	4	12-Φ30	M27	16-Φ30	1202	672	380	486	196	528	384	105	283	460	4-M12	261	300	300	300	300	261	300	352	392		
500	3D-60/800	152	350	715	650	585	42	4	16-Φ33	M30	20-Φ33	1421	793	428	627	244	596	407	103	301	500	4-M16	290	400	400	400	400	290	400	377	524		
600	3D-60/800	178	390	840	770	685	48	5	16-Φ36	M33	20-Φ36	1488	808	480	627	244	596	407	122	334	580	4-M16	334	400	400	400	400	334	400	625	700		
700	3D-120/1500	229	430	910	840	800	54	5	20-Φ36	M33	24-Φ36	1889	1058	681	635	370	711	591	182	383	640	4-M16	362	300	300	300	300	362	300	853	953		
800	3D-120/1500	241	470	1025	950	905	58	5	20-Φ39	M36	24-Φ39	2032	1133	749	635	370	711	591	190	419	720	4-M16	403	300	300	300	300	403	300	924	1075		
900	3D-120/2500	241	510	1125	1050	1005	62	5	24-Φ39	M36	28-Φ39	2256	1266	842	955	455	807	591	186	455	800	4-M16	442	300	300	300	300	442	300	1135	1319		
1000	3D-120/2500	300	550	1255	1170	1110	66	5	24-Φ42	M39	28-Φ42	2325	1286	889	955	455	807	591	242	492	890	4-M20	490	300	300	300	300	490	300	1562	1751		
1200	3D-200/4000	360	630	1485	1390	1328	57	5	28-Φ49	M45	32-Φ49	2796	1568	978	1190	680	1089	801	284	564	1040	4-M20	577	300	300	300	300	577	300	3253	3541		

注：短结构法兰蝶阀端法兰有四个螺孔，其余为光孔，长结构法兰蝶阀端法兰均为光孔。

Note: There are 4 screwed holes on the flange of short body flanged butterfly valve shown on the figure, the others are throughholes. all are throughholes for long body flanged butterfly valve.



D943X-16 DN100~1200 软密封双偏心结构电动蝶阀 Soft seated double-eccentric electric actuated butterfly valve



D943X-16 DN100~600 D943X-16型电动蝶阀 D943X-16 type electric actuator butterfly valve

D943X-16 DN700~1200

主要连接尺寸及重量 Main connecting dimensions and weights

DN mm	手动装置 Manual actuator		短结构 Short body		长结构 Long body		H	H1	H2	L1	L2	L3	L4	短结构 Short body		D0	重量 Weight(Kg)									
	L	D	D1	D2	b	f								Z-φd	4-M			E	F	h						
100	802.20-1	190	220	180	158	24	3	4-φ17.5	M16	8-φ17.5	569	297	122	323	134	79	420	-	220	-	40					
150	802.20-1	210	285	240	212	26	3	4-φ22	M20	8-φ22	642	321	153	323	134	79	420	-	220	-	53					
200	802.60-1	89	230	340	295	268	30	3	8-φ22	M20	12-φ22	811	394	216	410	144	552	-	360	-	76					
250	802.120-1	114	250	405	355	320	32	3	8-φ26	M24	12-φ26	909	446	209	410	144	552	-	360	-	105					
300	802.250-1	114	270	460	410	370	32	4	8-φ26	M24	12-φ26	1029	542	277	473	+148	140	625	-	500	-	178				
350	802.250-1	127	290	520	470	430	36	4	12-φ26	M24	16-φ26	1097	572	315	473	148	140	625	84	247	370	4-M10	216	500	223	247
400	802.500-0.5	140	310	580	525	482	38	4	12-φ30	M27	16-φ30	1172	626	335	473	148	140	625	95	265	410	4-M12	238	500	250	282
450	802.500-0.5	152	330	610	585	548	40	4	12-φ30	M27	16-φ30	1246	565	380	473	148	140	625	105	283	460	4-M12	261	500	318	358
500	802.500-0.5	152	350	715	650	585	42	4	16-φ33	M30	20-φ33	1379	741	428	473	148	140	625	103	301	500	4-M16	290	500	345	392
600	802.1000-0.2	178	390	840	770	685	48	5	16-φ36	M33	20-φ36	1741	1051	480	590	148	140	696	122	334	580	4-M16	334	500	591	666
700	Z60-3D/1500	229	430	910	840	800	54	5	20-φ36	M33	24-φ36	1833	874	681	834.5	439.5	970	196	182	383	640	4-M16	362	360	975	1075
800	Z60-3D/1500	241	470	1025	950	905	58	5	20-φ39	M36	24-φ39	1976	949	749	834.5	439.5	970	196	190	419	720	4-M16	403	360	1046	1197
900	120-3D/2500	241	510	1125	1050	1005	62	5	24-φ39	M36	28-φ39	2225	1140	842	1050	520	1044	295	186	455	800	4-M16	442	360	1417	1601
1000	120-3D/2500	300	550	1255	1170	1110	66	5	24-φ42	M39	28-φ42	2292	1160	889	1050	520	1044	295	242	492	890	4-M20	490	360	1844	2033
1200	200/3D/4000	360	630	1485	1390	1328	57	5	28-φ49	M45	32-φ49	2661	1367	978	1274	672	1289	414	284	564	1040	4-M20	577	360	3377	3665

注：短结构法兰蝶阀端盖有四个螺孔，其余为光孔，长结构法兰蝶阀端盖均为光孔。

Note: There are 4 screwed holes on the flange of short body flanged butterfly valve shown on the figure, the others are through holes. all are throughholes for long body flanged butterfly valve.



软密封单偏心大口径法兰蝶阀 Soft-seat single eccentric large size flanged butterfly valve

产品简介

软密封单偏心法兰蝶阀,是我公司最新研制开发的产品,该产品主要适用于水厂、电厂、钢铁冶炼、造纸、化工、水源工程、环境设施建设等系统管路上,尤其适用于水道管路上,作为调节流量和截断设备使用。

结构特点

- 1、具有性能可靠,寿命长久的密封结构。
- 2、具有流阻小,刚性好,压力损失小的桁架式结构。
- 3、阀板密封圈易于更换,便于维修。
- 4、阀板密封圈采用"T"形结构,密封副呈线性密封。
- 5、阀门底端采用双金属止推垫片,止推性能优良。
- 6、阀门既可立式安装,也可卧式安装,适用性好。
- 7、该阀门推荐单向使用,在反向密封要求不严格时,可双向使用。
- 8、阀门完全关闭时,密封试验泄露量为零。
- 9、更换阀板密封圈、O形圈、阀体、阀板、转轴等材质,可适用多种介质和不同温度。

执行标准

- 1、设计与制造: GB/T12238-89 标准。
- 2、法兰尺寸:
PN0.6MPa 按GB4216.3-84《灰铸铁管法兰及垫片》标准。
PN1.0MPa按GB4216.4-84《灰铸铁管法兰及垫片》标准。
- 3、结构长度
(1)短结构符合GB12221-89《法兰连接金属阀门结构长度》中对夹式蝶阀长系列尺寸规定。
(2)长系列符合GB12221-89《法兰连接金属阀门结构长度》中双法兰连接蝶阀长系列尺寸规定。
- 4、检验和试验 按GB/T13927-92《通用阀门 试验压力》标准。

Product introduction

Soft seated single eccentric flanged butterfly valve , is a newly developed product by our company .It is mainly used in pipeline of water works ,power generating factory ,steel metallurgy ,paper making ,chemical-industries and water source projects and the construction of environment installation ,especially suitable for flow adjusting and shutting off water pipeline .

Construct features

- 1.The sealing structure is reliable in performance and long in service life .
- 2.The truss structure featured by small flow resistance ,strong toughness and less pressure loss .
- 3.The disc sealing ring is easy to replace and maintain .
- 4."T" structure of the disc sealing ring .The sealing pair is linear sealing .
- 5.The end of the valve is double-metal stopping shims of high efficiency .
- 6.The valve can be installed vertically or horizontally with convenience .
- 7.It is recommended that to use the valve in one way but in the case of the reverse sealing is not important ,using in double way is permitted .
- 8.As the valve is fully closed ,the leakage in sealing testing can be lowered to zero .
- 9.By replacing materials of disc sealing ring ,O-ring ,disc ,body and stem ,this valve can be used for various medium and temperature .

Executive standards

- 1.Design and making : GB/T12238-89 standard .
- 2.Size of flange
PN0.6MPa according to GB4216.3-84 *Grey cast iron pipe flanges and gaskets.*
PN1.0MPa according to GB4216.4-84 *Grey cast iron pipe flanges and gaskets.*
- 3.Face to face dimensions:
(1)Short body is in accordance with the dimensions of long series of wafer butterfly valve in GB12221-89 *Metal valves for use in flanged pipe systems face-to-face and center-to-face dimensions.*
(2)Long body is in accordance with the dimensions of long series of double flanged butterfly valve given in GB12221-89 *Metal valves for use in flanged pipe systems face-to-face and center-to-face dimensions.*
- 4.The tests are in accordance with GB/T13927-92 *Pressure test for general purpose valves.*



驱动方式 Type of driving

蜗轮-蜗杆、电动

Worm gear actuator, electric actuator

性能规范 Technical Data

公称通径DN Nominal diameter	1400~200	2200~3000	mm
公称压力PN Nominal pressure	1.0	0.6	MPa
试验压力 Testing pressure	密封 Sealing	0.66	
	壳体 Shell	0.9	
适用温度 °C Suitable temperature	-15~+110		
适用介质 Suitable mediums	淡水、污水、海水、空气等 Fresh water, sewage, sea water, air etc.		

主要零部件材质 Materials of main parts

零件名称 Name of parts	材料 Materials
阀体 Body	灰铸铁、球墨铸铁 Cast iron, Ductile iron
阀板 Disc	球墨铸铁 Ductile iron
转轴 Shaft	不锈钢 Stainless steel
轴套 Bushing	铸造锰黄铜 Cast-Mn brass
阀板密封圈 Disc sealing ring	丁腈橡胶、乙丙橡胶 NBR-N、EPDM

阀门流量特征 Flow characteristic

Cv值定义 Defenition of Cv value

当阀门全开时，阀门两端差为1磅/英寸²，流体用60° F(15.5°C) 的清水时，流经阀门的美加仑/分的流量数值。

As the valve is fully opened, the pressure differential at end of the valve is 1Lbf/in² and when the flow liquid is water a temperature of 60° F(15.5°C), the flow value of US gal/min.

$$Cv = V \sqrt{\frac{G}{\Delta P}} = V \sqrt{\frac{G}{P1 - P2}}$$

V: 最大流量 (美加仑/分) V: Max. flow(in US gal/min)
G: 比重 (水=1) G: Specific gravity(1 for water)
P1: 流入侧压力 (磅/英寸²) P1: Flow-in side pressure(Lbf/m²)
P2: 流出侧压力 (磅/英寸²) P2: Flow-out side pressure(Lbf/m²)
ΔP: 压力降 (磅/英寸²) ΔP: Pressure decrease(Lbf/cm²)

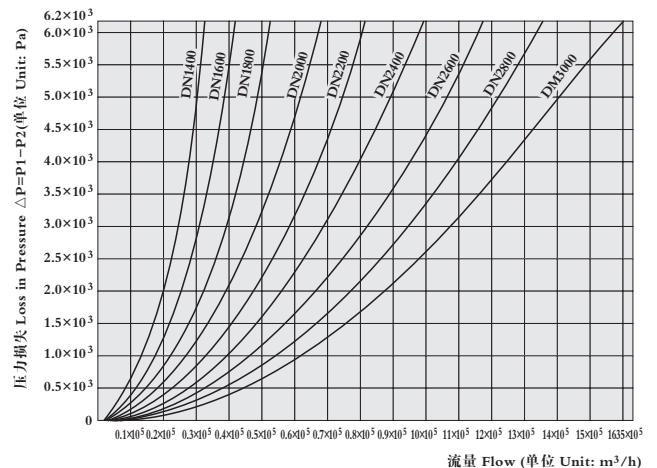
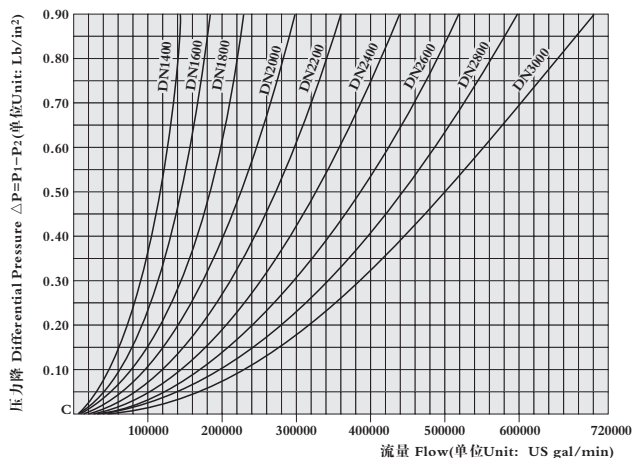
C值定义 Defenition of C value

当阀门全开时，水流经阀门的两端压差为100KPa时某给定行程，所流过的m³/h计，介质密封取Kg/m³的流量数值，m²

As the valve is fully opened, the pressure differential of water flowing through ends of the valve is 100KPa, igiven travel, flowed water is measured by m³/h and density of medium by Kg/m³, the flow value of Kg/m³, m²

$$C = Q \sqrt{\frac{\rho}{\Delta P}} = Q \sqrt{\frac{\rho}{P1 - P2}}$$

C: 流量系数 (米²) C: Flow coefficient(m²)
Q: 流量 (米³/小时) Q: Flow (m³/h)
ρ: 介质密度 (千克/米³) ρ: Medium density(Kg/m³)
P1: 流入侧压力 (100千帕) P1: Flow-in side pressure(100KPa)
P2: 流出侧压力 (100千帕) P2: Flow-out side pressure(100KPa)
ΔP: 阀门压力损失 (100千帕) ΔP: Pressure loss in valve(100KPa)

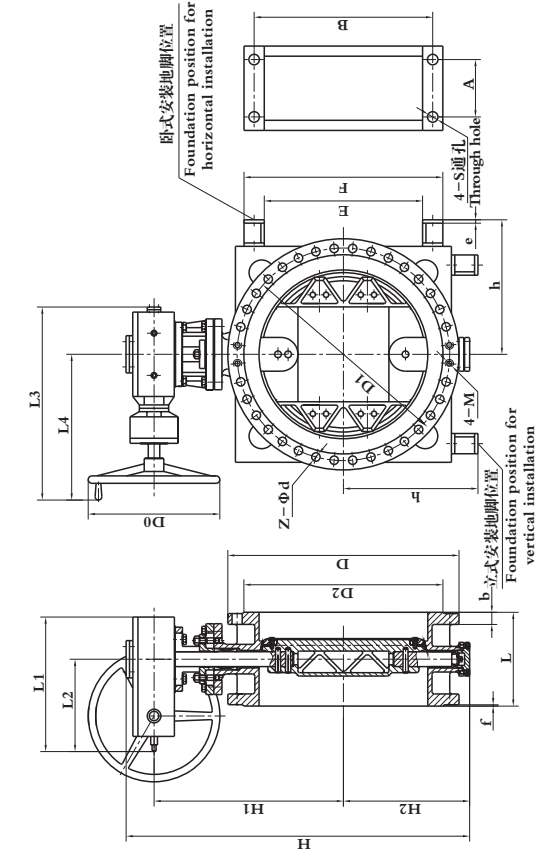




D342X-6 DN2800~3000

软密封单偏心螺杆螺母传动法兰蝶阀

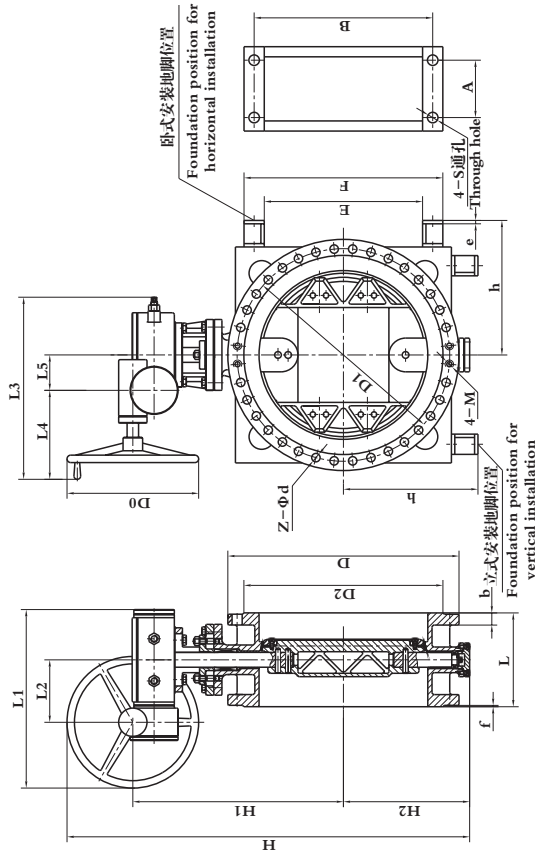
Soft seated single-eccentric screw driving flanged butterfly valve



D342X-10 DN1400~2000 D342X-6 DN2200~2600

软密封单偏心蜗轮蜗杆传动法兰蝶阀

Soft seated single-eccentric worm-gear driven flanged butterfly valve



主要连接尺寸及重量 Main connecting dimensions and weights

DN mm	短结构 Short body		D	D1	D2	b	f	长结构 Long body		H	H1	H2	h	短结构 Short body		E	F	4-S	L1	L2	L3	L4	L5	e	D0	短结构 Short body			
	L	Z-φd						4-M	Z-φd					A	B											重量 Weight (Kg)			
1400	390	710	1675	1590	1530	62	5	32-φ42	M39	36-φ42	2996	1668	1078	960	200	475	1500	1360	1590	φ33	1270	598	1089	387	414	18	500	3863	4280
1600	440	790	1915	1820	1750	68	5	36-φ48	M45	40-φ48	3246	1778	1218	1050	260	530	1600	1450	1700	φ33	1270	598	1089	387	414	18	500	4367	4953
1800	490	870	2115	2020	1950	70	5	40-φ48	M45	44-φ48	3720	2044	1426	1197	300	570	1900	1740	1990	φ33	1625	745	1399	387	602	18	500	6621	7416
2000	540	950	2325	2230	2150	74	6	44-φ48	M45	48-φ48	3851	2115	1486	1320	350	750	2000	1850	2100	φ36	1630	750	1430	417	602	19	500	8324	9372
2200	-	1000	2475	2390	2335	60	6	-	-	52-φ42	4300	2400	1650	1377	-	750	2110	1910	2210	φ45	1630	750	1430	417	602	20	500	-	10590
2400	-	1100	2685	2600	2545	62	6	-	-	56-φ42	4551	2515	1786	1477	-	750	2310	2110	2410	φ45	1630	750	1430	417	602	20	500	-	12320
2600	-	1200	2905	2810	2750	64	6	-	-	60-φ48	5016	2735	2031	1675	-	800	2640	2440	2740	φ45	1630	750	1430	417	602	24	500	-	14028
2800	-	1300	3115	3020	2960	68	6	-	-	64-φ48	5325	2850	2096	1680	-	850	2690	2450	2810	φ51	1385	935	1500	-	30	400	-	-	
3000	-	1400	3315	3220	3160	70	6	-	-	68-φ48	5505	2945	2181	1740	-	990	2800	2620	2920	φ51	1385	935	1500	-	30	400	-	-	

注: DN1400~3000长结构阀门法兰连接均为光孔; DN1400~2000短结构阀门在阀体上下游颈处有四个螺孔, 其余为光孔;

Note: Long body valve flange connection of DN1400~3000 is by through holes and for short body valve flange of DN1400~2000 there are 4 screwed holes at upper and lower necks of the body and the others are through holes.



电动百叶式调节蝶阀 Electric-actuated shutter adjusting butterfly valve

产品简介 Product introduction

电动百叶式蝶阀配置电动执行机构广泛应用于建材、冶金、矿山、电力等生产过程，能自动控制或手动控制调节管路中介质流量。蝶板采用百叶多轴体结构，流体均匀，电传动，启闭力矩小、动作灵敏，性能可靠。

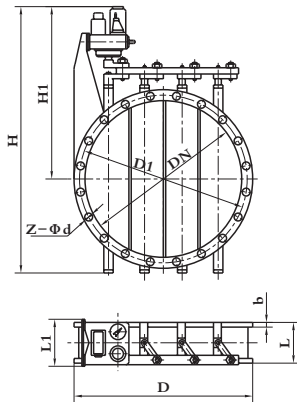
Electric-actuated shutter butterfly valves are equipped with electric actuator and widely used in the production processes of building materials, metallurgy, mining, electric power and so on to control automatically control or manually the flow rate of medium in the pipeline. The disc uses shutter multi-shaft structure with even fluid, electric actuation, small operation torque and reliable performance.

阀体材料：碳钢、不锈钢

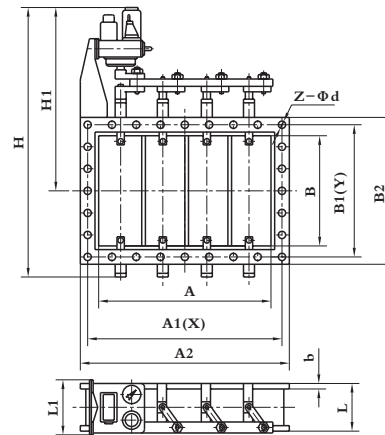
Material of body: Carbon steel, stainless steel.

主要技术参数 Main technical parameters

公称压力 Nominal pressure	0.005MPa
适用温度 Suitable temperature	-30~350°C
适用介质 Suitable media	粉尘、含尘气体 Powder-dust, gas-dust
泄漏量 Leakage	≤3%
阀门启闭时间 Valve open-close time	25S
输入信号（直流）Signal input(DC)	II 0~10mA; III 4~20mA
输入通道 Passage of input	3
输入电阻 Resistance of input	II 200Ω; III 250Ω
电源指示 Indicator power supply	220V ^{+20V} / _{-20V} ; 50HZ
介质流速 Media Velocity of flow	≤25m/s



Db941W-0.05圆形蝶阀
Db941W-0.05 rotundity butterfly valve



Db941JW-0.05矩形蝶阀
Db941JW-0.05 rectangle butterfly valve

圆形蝶阀主要连接尺寸及重量 Main connecting dimensions and weights of rotundity butterfly valve

DN	L	D	D1	b	Z-Φd	H	H1	L1	轴数 Number of axes	执行器 Executive body	重量(Kg) Weight
500	220	600	555	8	20-Φ18	1270	900	300	3	DKJ-310	594
600	220	700	655	10	20-Φ18	1370	950	300	3	DKJ-310	629
700	240	800	755	10	20-Φ18	1470	1000	300	3	DKJ-310	721
800	240	930	870	10	24-Φ23	1640	1120	365	3	DKJ-410	813
900	260	1030	970	12	24-Φ23	1740	1170	365	3	DKJ-410	905
1000	260	1130	1070	12	28-Φ23	1840	1220	365	3	DKJ-410	1000
1120	280	1250	1190	12	28-Φ23	2110	1430	420	4	DKJ-510	1080
1250	280	1380	1320	14	32-Φ23	2240	1495	420	4	DKJ-510	1372
1400	300	1530	1470	14	36-Φ23	2390	1570	420	4	DKJ-510	1566
1600	320	1730	1670	14	40-Φ23	2660	1745	450	4	DKJ-610A	1951
1800	340	1930	1870	16	44-Φ23	2860	1845	450	4	DKJ-610A	2340
2000	360	2130	2070	16	48-Φ23	3060	1945	450	4	DKJ-610A	2730
2240	380	2370	2310	18	48-Φ23	3330	2095	480	4	DKJ-610	3075
2500	420	2630	2570	18	52-Φ23	3590	2225	480	5	DKJ-610	3634
2800	440	2930	2870	18	60-Φ23	3890	2375	480	5	DKJ-610	4226
3000	460	3130	3070	18	60-Φ23	4090	2475	480	5	DKJ-610	4735



矩形蝶阀主要连接尺寸及重量 Main connecting dimensions and weights of rectangle butterfly valve

A×B	A1×B1	A2×B2	L	L1	H	H1	b	Z-Φd	X	Y	轴数 Number of axes	执行器 Executive body	重量 Weight (Kg)
320×180	375×205	400×240	180	245	735	580	8	16-Φ14	5	3	2	DKJ-210	184
320×250	375×295	400×330	180	245	825	625	8	16-Φ14	5	3	2	DKJ-210	198
400×200	455×255	500×330	200	245	805	610	8	16-Φ18	5	3	2	DKJ-210	215
400×320	455×375	500×420	200	245	915	870	8	16-Φ18	5	3	2	DKJ-210	263
500×200	555×255	600×300	220	245	805	610	8	16-Φ18	5	3	3	DKJ-210	272
500×400	555×455	600×500	220	245	915	670	8	20-Φ18	5	5	3	DKJ-210	292
630×320	685×375	730×420	220	245	805	610	10	20-Φ18	7	3	3	DKJ-210	322
630×400	685×455	730×500	220	245	915	710	10	24-Φ18	7	5	3	DKJ-210	354
800×400	855×455	900×500	240	300	945	670	10	24-Φ18	7	5	4	DKJ-310	443
800×630	855×685	900×730	240	300	995	710	10	28-Φ18	7	7	4	DKJ-310	590
1000×500	1070×570	1130×830	260	300	1075	790	10	24-Φ23	7	5	4	DKJ-310	640
1000×800	1070×870	1130×930	260	300	1270	905	10	28-Φ23	7	7	4	DKJ-310	770
1250×630	1320×700	1380×760	280	300	1505	1005	10	32-Φ23	9	7	5	DKJ-310	790
1250×1000	1320×1070	1380×1130	280	300	1705	1105	10	32-Φ23	9	7	5	DKJ-310	920
1400×800	1470×870	1530×930	300	385	1575	1075	10	36-Φ23	11	7	5	DKJ-410	940
1400×1250	1470×1320	1530×1380	300	385	2025	1300	10	40-Φ23	11	9	5	DKJ-410	1240
1600×1000	1670×1070	1730×1130	320	385	1775	1175	10	36-Φ23	11	7	5	DKJ-410	1540
1600×1250	1670×1320	1730×1380	320	385	2025	1300	10	40-Φ23	11	9	5	DKJ-410	1680
1800×1250	1870×1320	1930×1380	340	420	2175	1450	10	44-Φ23	13	9	6	DKJ-510	1846
1800×1400	1870×1470	1930×1530	340	420	2325	1525	10	48-Φ23	13	11	6	DKJ-510	1953
2000×1250	2070×1320	2130×1380	360	420	2175	1450	10	48-Φ23	15	9	6	DKJ-510	2170
2000×1800	2070×1870	2130×1930	360	420	2520	1620	12	52-Φ23	15	11	6	DKJ-510	2392
2500×1800	2570×1870	2630×1930	420	450	2595	1695	12	56-Φ23	17	11	8	DKJ-610A	2740
2500×2000	2570×2070	2630×2130	420	450	2995	1895	12	64-Φ23	17	15	8	DKJ-610A	2801
2800×2500	2870×2570	2930×2630	440	450	3195	2145	12	72-Φ23	19	17	8	DKJ-610A	3118
3200×2800	3270×2870	3330×2930	480	480	3825	2325	12	80-Φ23	21	19	10	DKJ-610	3535
3600×3200	3670×3270	3730×3330	520	480	4225	2525	12	88-Φ23	23	21	10	DKJ-610	4018
4000×3600	4070×4670	4130×4730	560	480	4825	2725	12	100-Φ23	27	23	10	DKJ-610	4532