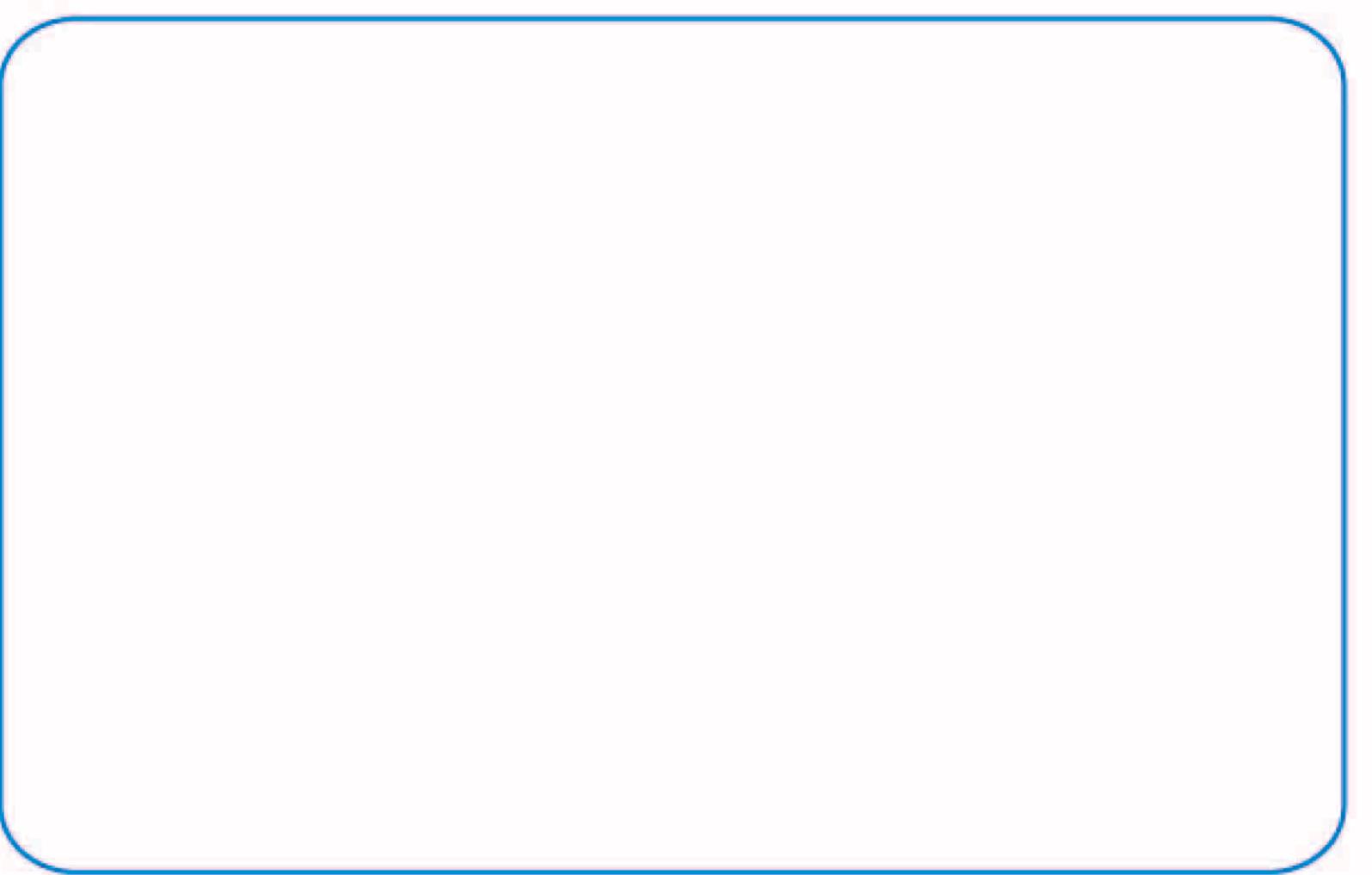
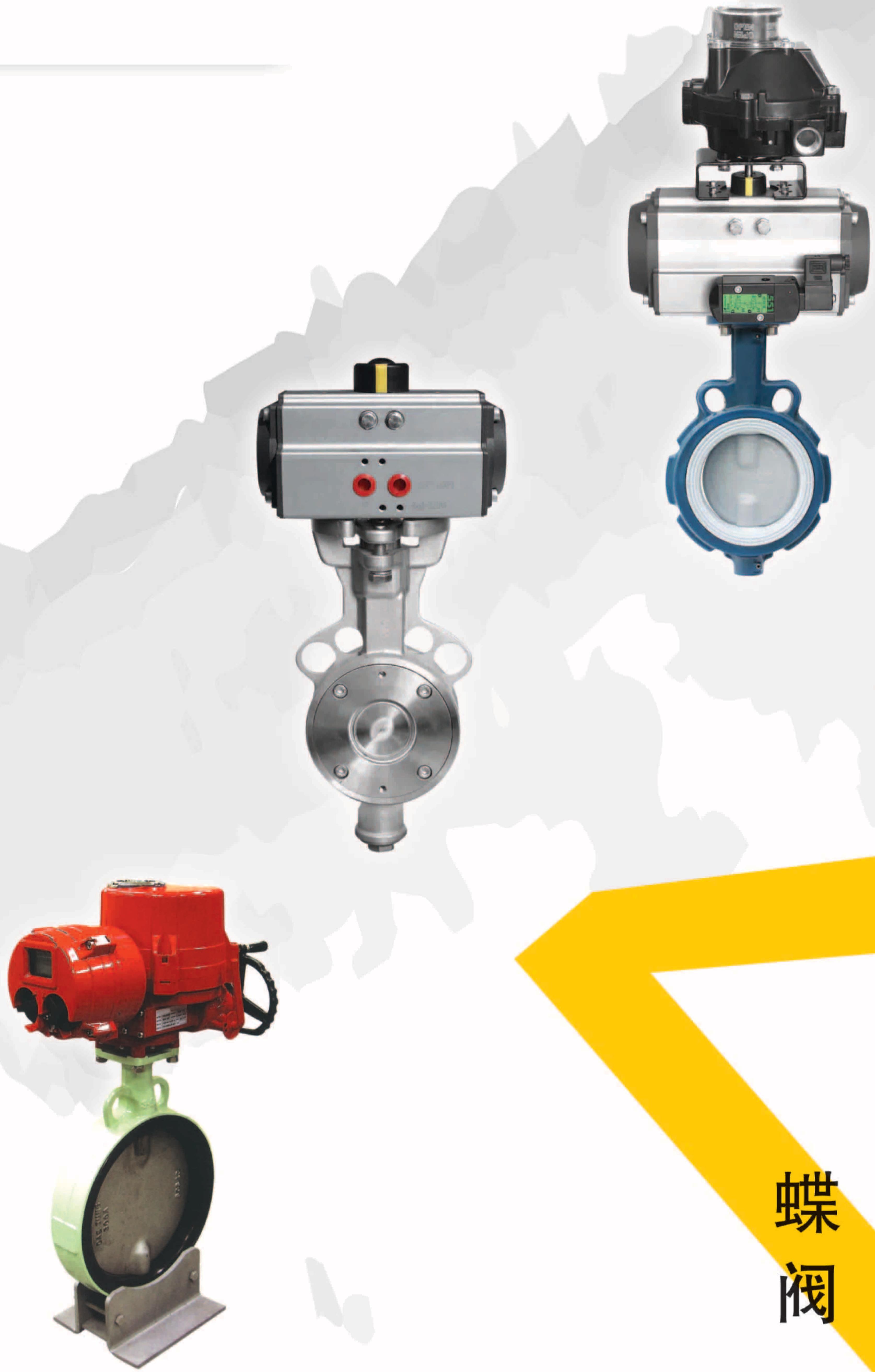


Butterfly Valve

蝶阀



阀门编号与选型

I	II	III	IV	V	VI	VII
Z	6	4	1	H	16	C

- VII 阀体材料
- VI 公称压力
- V 密封面材料或衬里材料
- IV 结构形式
- III 连接形式
- II 传动方式
- I 类型代号

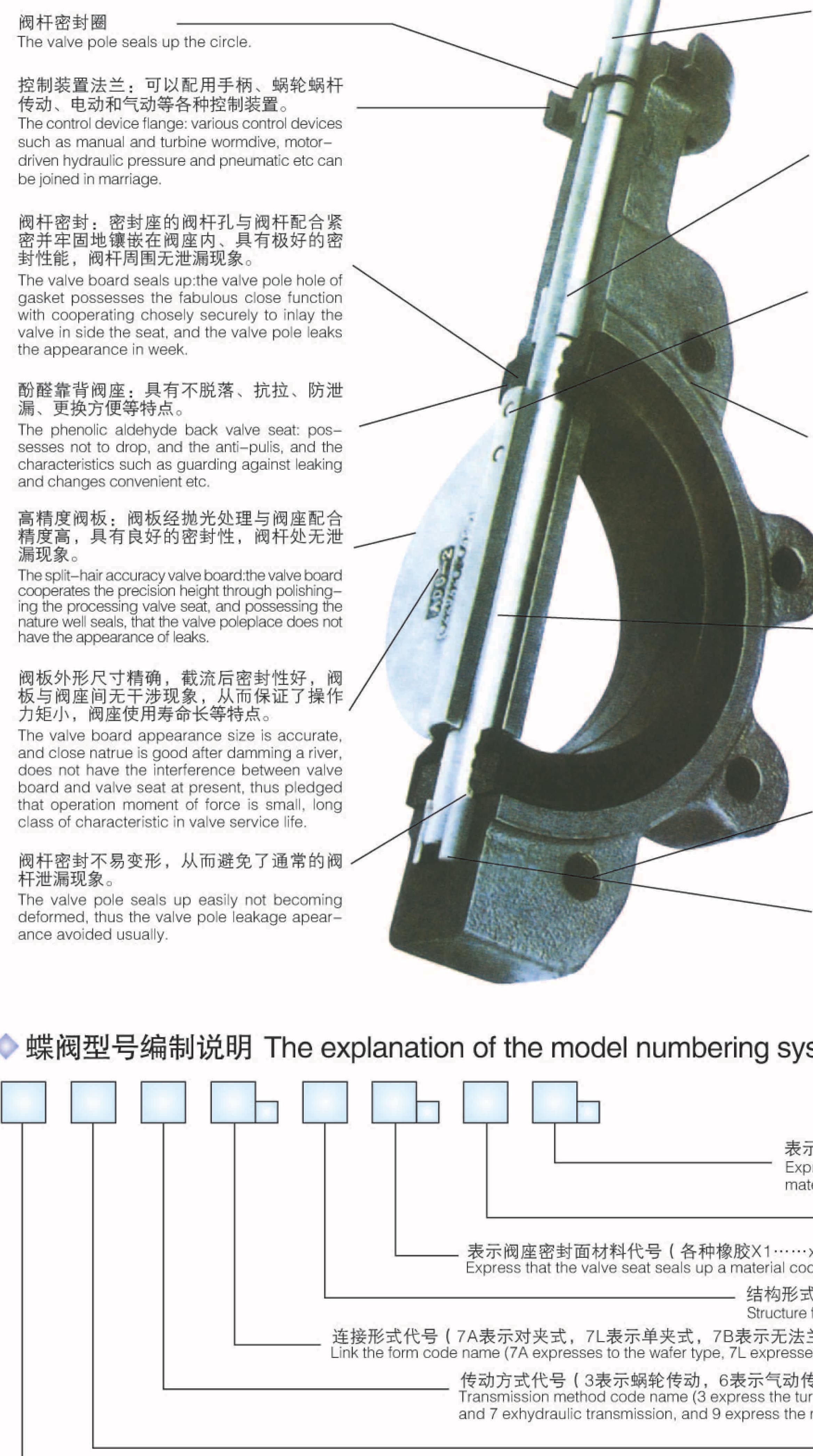
代号	0	1	2	3	4	5	6	7	8	9	
II - 传动方式	电动	电磁-液动	电-液动	蜗轮	正齿轮	锥齿轮	气动	液动	气-液动	电动	
III - 连接形式	-	内螺纹	外螺纹	-	法兰	-	焊接	对夹	卡箍	卡套	
I - 类型代号	IV - 结构形式										
闸 阀											
闸 阀	Z	明杆				暗杆				-	
		模式		平行式		模式		平行式			
弹性闸阀		刚性				刚性				-	
		单闸板	双闸板	单闸板	双闸板	单闸板	双闸板	单闸板	双闸板		
截止阀	J	-	直通式	Z型式	三通式	角式	直流式	平衡		-	
节流阀	L							直通式	直角式		
柱塞阀	U	球 阀	Q	浮动球				固定式			
				直通式	三通式Y型	-	三通式	四通式	直通式	三通式	
		蝶 阀	D	密封型				非密封型			
				中线式	单偏心	双偏心	连杆机构	三偏心	中线式	单偏心	
		隔膜阀	G	屋脊式	-	截止式	-	直通式	直通式	角式Y形	
				填料密封				油密封	直通式	T形三通式	
		旋塞阀	X	-	-	直通式	T型三通式	四通式			
				升降式				旋启式			
		止回阀	H	直通式	立式	角式	单瓣式	双瓣式	多瓣式	回转蝶形	截止止回
				弹簧封闭				弹簧不封闭			
		安全阀	A	带散热片全启式	微启式	全启式	带扳手	杠杆式	带控制全启式	脉冲式	
		减压阀	Y	薄膜式	弹簧薄膜式	活塞式	波纹管式	杠杆式	-	-	-
				浮球式	-	浮桶式	膨胀式	钟形浮子式	膜盒式	双金属片式	脉冲式
		疏水阀	S	液面连续排放				液面间断排放			热动力式
				直通式	角式	-	-	直通式	直通式V	角式	浮动闸板型
VI - 公称压力		公称通径的数值用10倍的兆(Pa)数表示;用于电站工业的阀门,当介质最高温度超过425℃时,标注工作压力。									

V - 阀座密封面或衬里材料	代号	V - 阀座材料	代号
巴氏合金	B	尼龙塑料	N
塘瓷	C	渗硼钢	P
渗氮钢	D	衬铅	Q
氟塑料	F	Mo2Ti系不锈钢	R
陶瓷	G	塑料	S
Cr13系不锈钢	H	铜合金	T
衬胶	J	橡胶	X
蒙乃尔合金	M	硬质合金	Y

注: 1、由阀门直接加工的阀座密封面材料代号用“W”表示;
2、除隔膜阀外,当密封材料不同时,用低硬度材料代号表示。

VII - 阀体材料	代号	VII - 阀体材料	代号
钛及钛合金	T1	球墨铸铁	Q
碳钢	C	Mo2Ti系不锈钢	R
Cr13系不锈钢	H	塑料	S
铬钼钢	I	铜及铜合金	T
可锻铸铁	K	铬钼钒钢	V
铝合金	L	灰铸铁	Z
18-8系不锈钢	P		

注: 1、PN≤1.6MPa的灰铸铁阀体和PN≥2.5MPa的碳素钢阀体材料
可省略本代号;
2、CF3、CF8、CF3M、CF8M等材料牌号可直接标注在阀体上。



连接键精度高强度大: 既适用于安装操纵手柄又适用于各种控制装置。
It is big to link key precision high strength: is suitable in installing the control but also being suitable in the various control devices.

润滑青铜轴套: 既起支承阀杆的作用又便于将阀杆脱离阀座。
The bronze axle sleeve lubricate: not only takes the effect of the valve supporting pole but also is easy to separate the valve pole from the valve seat.

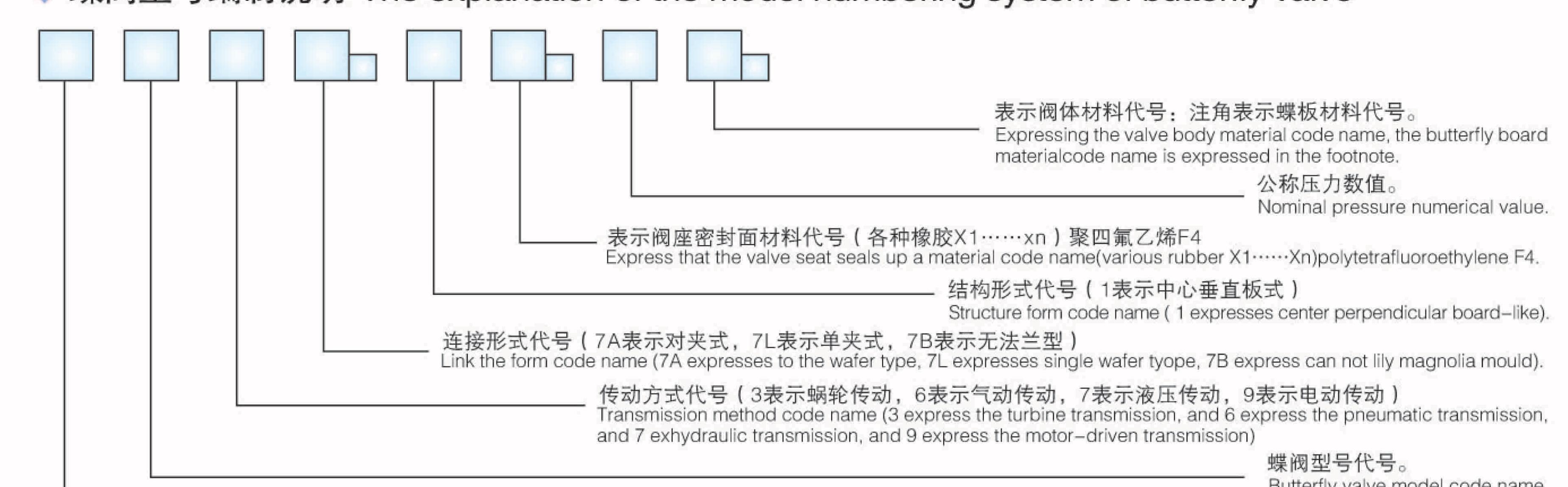
锥型销: 精度高, 将阀杆与阀板连接在一起后具有防振脱特点, 并且易于更换。
The awl forelock: the precision is high, and connection together after possesses guarding against shakes sheds characteristic with the valve board valve pole, and is easy to changing.

具有对夹和单类型阀体, 阀体上衬有各种材质的阀座, 包括聚四氟乙烯。
Possessing to wafer and single wafer clamp mould valve body, the valve is lined qualitative valves of the various materials seats on the body, and includes the polytetrafluoroethylene.

对中性能好, 安装方便省时。
Good to the middle function: it is convenience and save time when installing.

轴向止推轴承: 防止阀杆超载。
The axial thrust bearing: the valve pole overload is prevented.

◆ 蝶阀型号编制说明 The explanation of the model numbering system of butterfly valve



● 举例D37A1X5-10ZB1表示:

蜗轮蜗杆传动方式的中线对夹式蝶阀(A型), 板式结构为中线垂直板式, 阀座密封材料为丁晴橡胶, 阀门公称压力为1.0MPa, 阀体材料为灰铸铁, 阀板材料为电镀球墨铸铁。
The D37A1X5-10ZB1 giving an example expresses that the wafer worm gear worm-actuated method is to midline wafer butterfly valve (A's mould), and the boardlike structure is for the center is board-like, and the valve seat sealing material is for NBR, and valve nominal pressure is grey cast iron for 1.0MPa, 's valve body material, and valve board expect for electroplating mark China ink casting.

◆ 性能规范 Technical Data

公称通径 DN(mm) Nominal Diameter	50 (2")~1000 (40")	50 (2")~800 (32")
公称压力 PN(MPa) Nominal Pressure	1.0	1.6
试验压力(MPa) Testing Pressure	壳体 Shell	1.5 2.4
	密封 Sealing	1.1 1.76
适用温度°C Working Temperature	-15~+150	
适用介质 Suitable Mediums	淡水、污水、海水、空气、蒸汽、食品、药品、各种油类、酸类、碱类、盐类等 Fresh water, Sewage, Sea Water, Air, Steam, Food, Medicine, Oils, Acids, etc.	

◆ 密封特点比较 Seal Construction & Features

"A"、"LT"型结构 Type "A"、"LT" Construction					<p>阀门具有降低控制装置造价的特点：</p> <ul style="list-style-type: none"> ● 阀杆轴与阀板边缘加工精度高； ● 组合式阀座防止变形，允差范围小； ● 有效的阀杆密封； ● 阀座的膨胀的潜在影响小； ● 结构合理，扭矩限制在适当的范围内。 ● Precision machined disc edge and shaft flats ● Bonded distortion proof seatclose tolerances. ● Positive shaft seals. ● Low potential of seat swell. ● Controlled torque by design superiority.
传统结构 Traditional Construction					<p>增加控制装置造价的因素：</p> <ul style="list-style-type: none"> ● 阀板尺寸精度无法保证； ● 安装与工作时阀座变形； ● 阀座寿命短； ● 隆起与膨胀造成扭矩增大。 ● Non-precision disc dimensions ● Seat distorts during installation and operation. ● Shorter seat life. ● Higher torque due to bunching and potential swelling.

◆ 特点 Features

1、小型轻便，容易拆装及维修，并可在任意位置安装。

2、结构简单，紧凑，90°回转启闭迅速。

3、操作扭矩小，省力轻巧。

4、流量特性趋于直线，调节性能好。

5、启闭试验次数多达数万次，寿命长。

6、达到完全密封，气体试验泄漏为零。

7、选择不同零部件材质，可适用多种介质。

1. Small in size and light in weight. Easy installation and maintenance.

It can be mounted wherever needed.

2. Simple and compact construction, quick 90 degrees on-off operation.

3. Minimized operating torque, energy saving.

4. Flow curve tending to straight line. Excellent regulation performance.

5. Long service life. Standing the test of tens of thousands opening/closing operations.

6. Bubbles-tight sealing with no leakage under the pressure test.

7. Wide selection of materials, applicable for various medium.

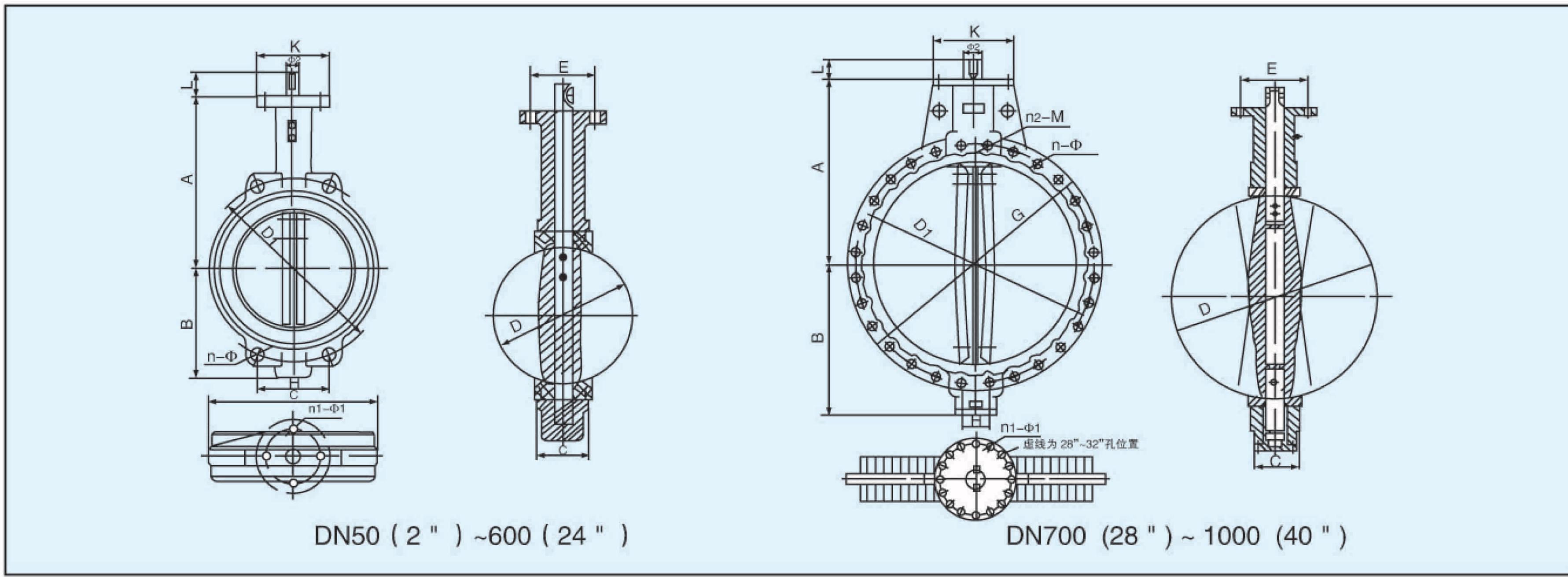


◆ 主要零部件材料 Material of Main Parts

阀体 Body		阀板 Disc		转轴 Stem	衬套 Bushing	阀座 Seat		
材料名称 Name	代号 Code	材料名称 Name	代号 Code	材料名称 Name	材料名称 Name	材料名称 Name	代号 Code	适用温度°C Working Temp
灰铸铁 Cast Iron	Z	电镀球墨铸铁 Plated Ductile Iron	B1			天然胶 NR	X1	-20~+85°C
球墨铸铁 Ductile Iron	Q	铝青铜 Aluminum Bronze	B2			海帕伦 Hypalon	X2	-23~+121°C
铝青铜 Aluminum Bronze	T	ZG1Cr13Ni9Ti 不锈钢 Stainless Steel	B3	不锈钢 Stainless Steel	润滑青铜 Lubrized Bronze	乙丙橡胶 EPDM	X3	-23~+121°C
ZG1Cr13Ni9Ti 不锈钢 Stainless Steel	P	钛钢 Titanium Steel	B4	碳钢 Carbon Steel	聚四氟乙烯 PTFE	氯丁橡胶 Neoprene	X4	-7~+93°C
CF8M不锈钢 Stainless Steel	R	CF8M不锈钢 Stainless Steel	B5	碳钢 Carbon Steel	聚四氟乙烯 PTFE	丁腈橡胶 NBR	默认	-23~+100°C
碳钢 Carbon Steel	C	CF8M不锈钢 Stainless Steel	B6	CF8M不锈钢 Stainless Steel		耐磨橡胶 Wear-resistant Rubber	X6	-10~+00°C
			B7			氟橡胶 VITON	X7	-23~+200°C
						耐热乙丙橡胶 Heat-resistant Rubber	X9	-23~+135°C
						聚四氟乙烯 PTFE	F4	+10~+150°C

◆ “A”型蝶阀外型尺寸，连接尺寸和重量

Overall & Connection Dimensions & Weight of Type “A” Butterfly Valve



公称通径 Nominal diameter DN	尺寸 Size (mm)													重量 Weight (kg)		
	A	B	C	D	L	H	D1	n-Φ	K	E	n1-Φ1	Φ2	G	n2-M		
D7A1/37A1/67A1/97A1X-1.0/1.6																
50	2"	161	80	42.0	52.9	32	84.84	120	4-23	77	57.15	4-6.7	12.6	118	-	2.5
65	2.5"	175	89	44.7	64.5	32	96.20	136.2	4-26.5	77	57.15	4-6.7	12.6	137	-	3.2
80	3"	181	95	45.2	78.8	32	61.23	160	8-18	77	57.15	4-6.7	12.6	143	-	3.6
100	4"	200	114	52.1	104.0	32	70.80	185	4-24.5	92	69.85	4-10.3	15.77	156	-	4.9
125	5"	213	127	54.4	123.3	32	82.28	215	4-23	92	69.85	4-10.3	18.92	190	-	7.0
150	6"	226	139	55.8	155.6	32	91.08	238	4-25	92	69.85	4-10.3	18.92	212	-	7.8
200	8"	260	175	60.6	202.5	45	112.89 76.35	295	4-25 4-23	115	88.90	4-14.3	22.1	268	-	13.2
250	10"	292	203	65.6	250.5	45	92.40	357	4-29	115	88.90	4-14.3	28.45	325	-	19.2
300	12"	337	242	76.9	301.6	45	105.34	407	4-29	140	107.95	4-14.3	31.6	403	-	32.5
350	14"	368	267	76.5	333.3	45	91.11	467	4-30	140	107.95	4-14.3	31.6	436	-	41.3
400	16"	400	309	86.5	389.6	51.2 72	100.47 102.42	515 525	4-26 4-30	197	158.75	4-20.6	33.15	488	-	61.0
450	18"	422	328	105.6	440.51	51.2 72	88.39 91.51	565 585	4-26 4-30	197	158.75	4-20.6	38	539	-	79.0
500	20"	480	361	131.8	491.6	64.2 82	96.99 101.68	620 650	4-26 4-33	197	158.75	4-20.6	41.15	593	-	128.0
600	24"	562	459	152.0	592.5	70.2 82	113.42 120.46	725 770	20-30 20-36	276	215.90	4-22.2	50.65	816	-	188.0
700	28"	624	520	163.0	695.0	66 82	109.65 124	840 950	20-30 24-33	300	254.00	8-18	55 63.35	895	4-M33	284.0
800	32"	672	591	188.0	794.7	66 82	124	950	24-33 24-39	300	254.00	8-18	55 63.35	1015	-	368.0
900	36"	720	656	203.0	864.7	118	117.57	1050	24-33	300	254.00	8-18	75	1115	4-M30	713.0
1000	40"	800	721	216.0	965	142	129.89	1160	24-36	300	254.00	8-18	85	1230	4-M33	864.0

注Note:

DN50(2")~800(32") “A”型蝶阀分别适用于PN1.0/PN1.6MPa二种压力级，表中每格有两个尺寸的分别表示PN1.0/PN1.6MPa二种压力级连接尺寸。与阀门连接的管法兰连接尺寸参照法兰连接尺寸表。蝶阀上法兰可适用于手动、蜗轮蜗杆传动、电动、气动等。

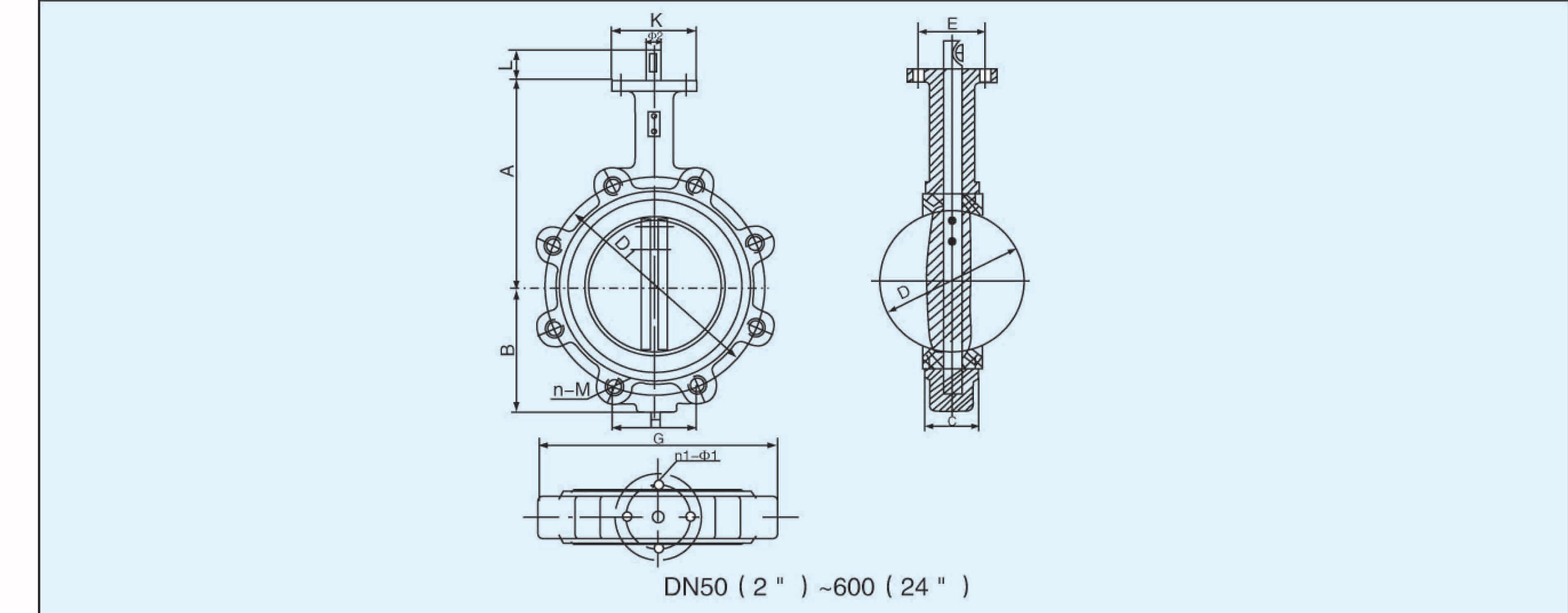
表中DN50(2")~500(20")中D1和n-Φ尺寸为蝶阀本身安装定位尺寸，其中DN50(2")~350(14")的D1和D1和n-Φ尺寸包容GB9112-88, DIN2501(德国), BS4504(英国), ISO2084, ISO2531(国际标准), BS10-E(英国), ANSI1259(美国)等法兰连接标准。DN400(16")~500(20")包容GB9112-88, DIN2501, ISO2084, BS4504法兰连接标准。

DN50(2")~800(32") Type “A” butterfly valves are suitable for the pressure of PN1.0MPa and PN1.6MPa grade separately. Two dimensions in one column show the connection dimensions of PN1.0/PN1.6MPa pressure grade. for the connection dimensions of pipe flanges mounted to the valves, please refer to the Connection Dimensions of Flanges Table. The upper flanges of the valves are suitable all types of valves fitted with electric, wormgear, manual, pneumatic and actuators.

The dimensions D1 and n-Φ of DN50(2")~500(20") listed in above table show the installation dimensions of butterfly valve. Of them the dimensions D1 and n-Φ of DN50(2")~350(14") contain the standard of GB9112-88, DIN2501(Germany), BS4504(UK)ISO2084, ISO2531(Internationa 1 standard) BS 10-E (UK)ans1259(USA) for flange connection and DN400(16")~500(20") contain the standard of GB9112-88, DIN2501, ISO2084 and Bs4504.

◆ “LT”型蝶阀外型尺寸，连接尺寸和重量

Overall & Connection Dimensions & Weight of Type “LT” Butterfly Valve



公称通径 Nominal diameter DN	尺寸 Size (mm)													重量 Weight (kg)	
	A	B	C	D	L	H	D1	n-Φ	K	E	n1-Φ1	Φ2	G		
D7A1/37A1/67A1/97A1X-1.0/1.6															
50	2"	161	80	42.0	52.9	32	88.38	125	4-M16	77	57.15	4-6.7	12.6	118	3.8
65	2.5"	175	89	44.7	64.5	32	102.54	145	4-M16	77	57.15	4-6.7	12.6	137	4.2
80	3"	181	95	45.2	78.8	32	61.23	160	8-M16	77	57.15	4-6.7	12.6	178	4.7
100	4"	200	114	52.1	104.0	32	68.88	180	8-M16	92	69.85	4-10.3	15.77	206	9.0
125	5"	213	127	54.4	123.3	32	80.36	210	8-M16	92	69.85	4-10.3	18.92	238	10.9
150	6"	226	139	55.8	155.6	32	91.84	240	8-M20	92	69.85	4-10.3	18.92	266	14.2
200	8"	260	175	60.6	202.5	45	112.89 76.35	295	8-M20 12-M24	115	88.90	4-14.3	22.1	329	18.2
250	10"	292	203	65.6	250.5	45	90.59 91.88	350 355	12-M20 12-M24	115	88.90	4-14.3	28.45	393	26.8
300	12"	337	242	76.9	301.6	45	103.52 106.12	400 410	12-M20 12-M24	140	107.95	4-14.3	31.6	462	40.0
350	14"	368	267	76.5	333.3	45	89.74 91.69	460 470	16-M20 16-M24	140	107.95	4-14.3	31.6	515	56.0
400	16"	400	309	86.5	389.6	51.2 72	100.48 102.42	515 525	16-M24 16-M27	197	158.75	4-20.6	33.15	579	96.0
450	18"	422	328	105.6	440.51	51.2 72	88.38 91.51	565 585	20-M24 20-M27	197	158.75	4-20.6	38	627	122.0
500	20"	480	361	131.8	491.6	64.2 82	96.99 101.68	620 650	20-M24 20-M30	197	158.75	4-20.6	41.15	696	202.0
600	24"	562	459	152.0	592.5	70.2 82	113.42 120.46	725 770	20-M27 20-M33	276	215.90	4-22.2	50.65		

PN1.0MPa "A"、"LT"型对夹式蝶阀法兰尺寸及安装尺寸表(见图一)
Flange & Installation Dimensions of Grade PN1.0MPa Type "A" "LT" Wafer butterfly Valve

表一 Table 1

PN1.6MPa "A"、"LT"型对夹式蝶阀法兰尺寸及安装尺寸表(见图一)
Flange & Installation Dimensions of Grade PN1.6MPa Type "A" "LT" Wafer butterfly Valve

表二 Table 2

公称通径 Nominal diameter DN	(mm) DN	50 65 80 100 125 150 200 250 300 350 400 450 500 600 700 800 900 1000	2" 25" 3" 4" 5" 6" 8" 10" 12" 14" 16" 18" 20" 24" 28" 32" 36" 40"	管子外径 Outer Diameter of Pipe	57 73 89 108 133 159 219 273 325 377 426 478 529 630 720 820 920 1020	管子内孔直径 Center Hole of Pipe	D1 125 145 160 180 210 240 295 350 400 460 515 565 620 725 840 950 1050 1060	法兰外径 Outer of Center Circle	D 165 185 200 220 250 285 340 395 445 505 565 615 670 780 895 1015 1115 1230	法兰内孔直径 Center Hole of Flange	d0 57 73 89 108 133 159 219 273 325 377 426 478 529 630 720 820 920 1020	法兰厚度 Thickness of Flange	D2 102 122 133 158 184 212 268 320 370 430 482 532 585 685 800 905 1005 1110	法兰厚度 Thickness of Flange	H* 4 4 4 4 4 4 5 6 6 7 7 8 8 9 9 9	法兰凸圆厚度 Projecting Part of Flange	H* 4 4 4 4 4 4 5 6 6 7 7 8 8 9 9 9	法兰内孔圆孔直径 Center Hole of Disc	n-d 4-Φ 4.5-Φ 5-Φ 6-Φ 7-Φ 8-Φ 12-Φ 15-Φ 16-Φ 20-Φ 24-Φ 28-Φ 32-Φ 36-Φ	法兰厚度 Flange Thickness	b* 22 24 26 28 30 32 34 38 42 48 50 52 54 56 58	法兰凸弦尺寸 Chord Dimension of Disc	D5 32 46 64 86 111 135 192 242 292 322 380 428 482 527 675 770 840 940	法兰外径 Outer Diameter of Disc	D6 76.3 89 103.9 135 159 188.4 238.2 292.4 344 375 438 489 489 654 744 850 947 1053	阀体外径 Outer Diameter of Body	D7 89 108 120 150 181 208 260 320 375 405 470 521 563 693 800 906 1015 1123	安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted	L	阀体外径 Outer Diameter of Body	D7 89 108 120 150 181 208 260 320 375 405 470 521 563 693 800 906 1015 1123	安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted	L
法兰部分直径 Projecting Part Diameter	D2	102 122 133 158 184 212 268 320 370 430 482 532 585 685 800 905 1005 1110	法兰厚度 Flange Thickness	D3* 59 75 91 110 135 161 221 275 327 379 429 481 532 633 723 823 923 1023	法兰内孔直径 Center Hole of Flange	D4 50 65 80 100 125 150 208 255 308 340 405 455 505 605 705 810 910 1000	法兰厚度 Thickness of Flange	H* 4 4 4 4 4 4 5 6 6 7 7 8 8 9 9 9	法兰厚度 Flange Thickness	D5 32 46 64 86 111 135 192 242 292 322 380 428 482 527 675 770 840 940	法兰厚度 Flange Thickness	b* 22 24 26 28 30 32 34 38 42 48 50 52 54 56 58	法兰凸弦尺寸 Chord Dimension of Disc	D6 76.3 89 103.9 135 159 188.4 238.2 292.4 344 375 438 489 489 654 744 850 947 1053	法兰外径 Outer Diameter of Disc	D7 89 108 120 150 181 208 260 320 375 405 470 521 563 693 800 906 1015 1123	安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted	L	法兰外径 Outer Diameter of Disc	D6 76.3 89 103.9 135 159 188.4 238.2 292.4 344 375 438 489 489 654 744 850 947 1053	法兰外径 Outer Diameter of Disc	D7 89 108 120 150 181 208 260 320 375 405 470 521 563 693 800 906 1015 1123	安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted	L									
法兰厚度 Flange Thickness	D3*	59 75 91 110 135 161 221 275 327 379 429 481 532 633 723 823 923 1023	法兰厚度 Flange Thickness	D4 50 65 80 100 125 150 208 255 308 340 405 455 505 605 705 810 910 1000	法兰厚度 Flange Thickness	H* 4 4 4 4 4 4 5 6 6 7 7 8 8 9 9 9	法兰厚度 Flange Thickness	D5 32 46 64 86 111 135 192 242 292 322 380 428 482 527 675 770 840 940	法兰厚度 Flange Thickness	b* 22 24 26 28 30 32 34 38 42 48 50 52 54 56 58	法兰凸弦尺寸 Chord Dimension of Disc	D6 76.3 89 103.9 135 159 188.4 238.2 292.4 344 375 438 489 489 654 744 850 947 1053	法兰外径 Outer Diameter of Disc	D7 89 108 120 150 181 208 260 320 375 405 470 521 563 693 800 906 1015 1123	安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted	L	法兰外径 Outer Diameter of Disc	D6 76.3 89 103.9 135 159 188.4 238.2 292.4 344 375 438 489 489 654 744 850 947 1053	法兰外径 Outer Diameter of Disc	D7 89 108 120 150 181 208 260 320 375 405 470 521 563 693 800 906 1015 1123	安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted	L											
法兰厚度 Flange Thickness	D3*	59 75 91 110 135 161 221 275 327 379 429 481 532 633 723 823 923 1023	法兰厚度 Flange Thickness	D4 50 65 80 100 125 150 208 255 308 340 405 455 505 605 705 810 910 1000	法兰厚度 Flange Thickness	H* 4 4 4 4 4 4 5 6 6 7 7 8 8 9 9 9	法兰厚度 Flange Thickness	D5 32 46 64 86 111 135 192 242 292 322 380 428 482 527 675 770 840 940	法兰厚度 Flange Thickness	b* 22 24 26 28 30 32 34 38 42 48 50 52 54 56 58	法兰凸弦尺寸 Chord Dimension of Disc	D6 76.3 89 103.9 135 159 188.4 238.2 292.4 344 375 438 489 489 654 744 850 947 1053	法兰外径 Outer Diameter of Disc	D7 89 108 120 150 181 208 260 320 375 405 470 521 563 693 800 906 1015 1123	安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted	L	法兰外径 Outer Diameter of Disc	D6 76.3 89 103.9 135 159 188.4 238.2 292.4 344 375 438 489 489 654 744 850 947 1053	法兰外径 Outer Diameter of Disc	D7 89 108 120 150 181 208 260 320 375 405 470 521 563 693 800 906 1015 1123	安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted	L											
法兰厚度 Flange Thickness	D3*	59 75 91 110 135 161 221 275 327 379 429 481 532 633 723 823 923 1023	法兰厚度 Flange Thickness	D4 50 65 80 100 125 150 208 255 308 340 405 455 505 605 705 810 910 1000	法兰厚度 Flange Thickness	H* 4 4 4 4 4 4 5 6 6 7 7 8 8 9 9 9	法兰厚度 Flange Thickness	D5 32 46 64 86 111 135 192 242 292 322 380 428 482 527 675 770 840 940	法兰厚度 Flange Thickness	b* 22 24 26 28 30 32 34 38 42 48 50 52 54 56 58	法兰凸弦尺寸 Chord Dimension of Disc	D6 76.3 89 103.9 135 159 188.4 238.2 292.4 344 375 438 489 489 654 744 850 947 1053	法兰外径 Outer Diameter of Disc	D7 89 108 120 150 181 208 260 320 375 405 470 521 563 693 800 906 1015 1123	安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted	L	法兰外径 Outer Diameter of Disc	D6 76.3 89 103.9 135 159 188.4 238.2 292.4 344 375 438 489 489 654 744 850 947 1053	法兰外径 Outer Diameter of Disc	D7 89 108 120 150 181 208 260 320 375 405 470 521 563 693 800 906 1015 1123	安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted	L											
法兰厚度 Flange Thickness	D3*	59 75 91 110 135 161 221 275 327 379 429 481 532 633 723 823 923 1023	法兰厚度 Flange Thickness	D4 50 65 80 100 125 150 208 255 308 340 405 455 505 605 705 810 910 1000	法兰厚度 Flange Thickness	H* 4 4 4 4 4 4 5 6 6 7 7 8 8 9 9 9	法兰厚度 Flange Thickness	D5 32 46 64 86 111 135 192 242 292 322 380 428 482 527 675 770 840 940	法兰厚度 Flange Thickness	b* 22 24 26 28 30 32 34 38 42 48 50 52 54 56 58	法兰凸弦尺寸 Chord Dimension of Disc	D6 76.3 89 103.9 135 159 188.4 238.2 292.4 344 375 438 489 489 654 744 850 947 1053	法兰外径 Outer Diameter of Disc	D7 89 108 120 150 181 208 260 320 375 405 470 521 563 693 800 906 1015 1123	安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted	L	法兰外径 Outer Diameter of Disc	D6 76.3 89 103.9 135 159 188.4 238.2 292.4 344 375 438 489 489 654 744 850 947 1053	法兰外径 Outer Diameter of Disc	D7 89 108 120 150 181 208 260 320 375 405 470 521 563 693 800 906 1015 1123	安装后蝶阀结构长 Face to Face Dimension of the Valve When Mounted	L											
法兰厚度 Flange Thickness	D3*	59 75 91 110 135 161 221 275 327 379 429 481 532 633 723 823 923 1023	法兰厚度 Flange Thickness	D4 50 65 80 100 125 150 208 255 308 340 405 455 505 605 705 810 910 1000	法兰厚度 Flange Thickness	H* 4 4 4 4 4 4 5 6 6 7 7 8 8 9 9 9	法兰厚度 Flange Thickness	D5 32 46 64 86 111 135 192 242 292 322 380 428 482 527 675 770 840 940	法兰厚度 Flange Thickness	b* 22 24 26 28 30 32 34 38 42 48 50 52 54 56 58	法兰凸弦尺寸 Ch																						

◆ “A”型对夹式蝶阀各国法兰连接尺寸对照图表

Flange Dimensions of Type “A” Wafer Butterfly Valve Adopted in Different Countries

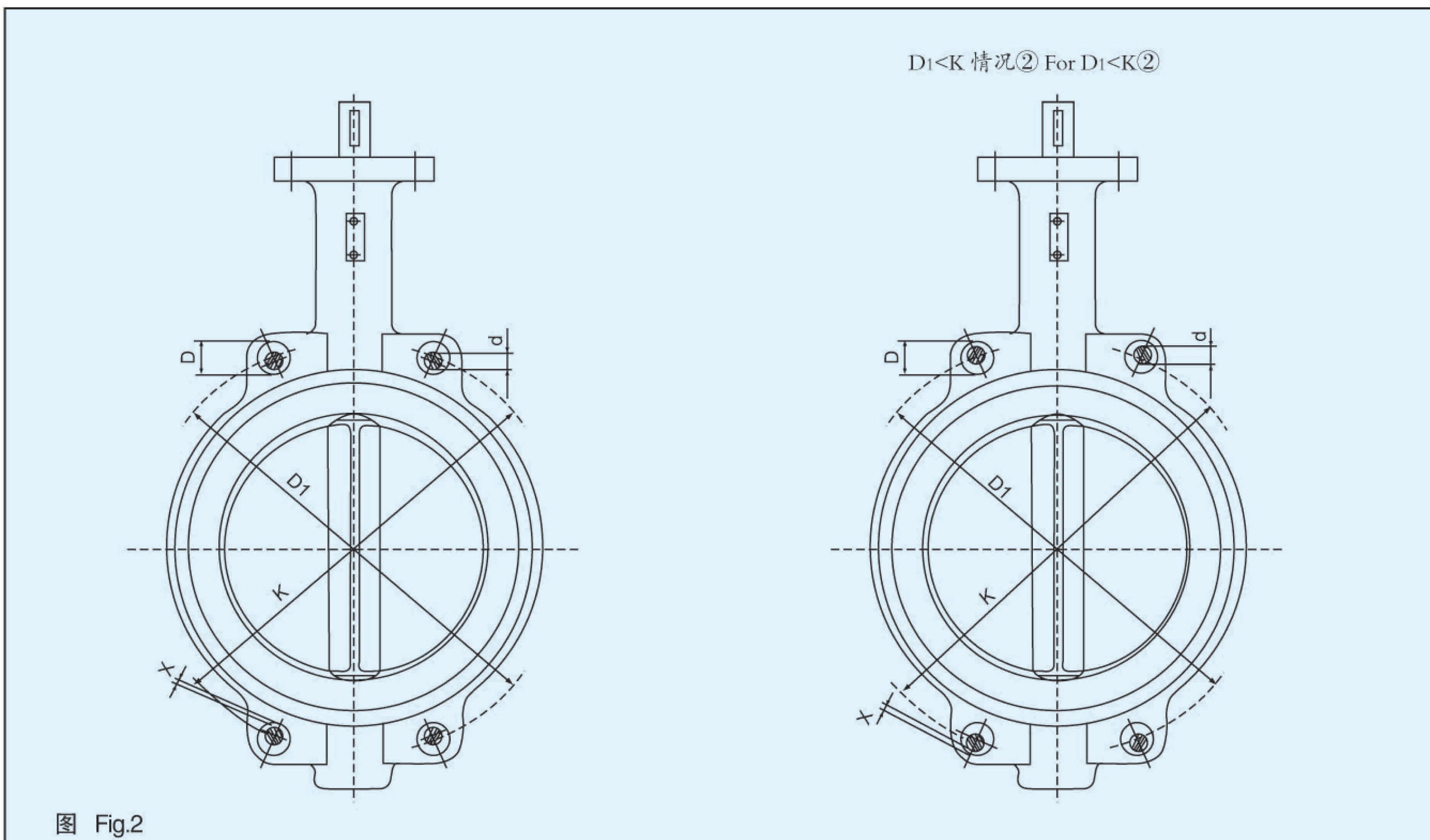


图 Fig.2

◆ 对照表 Comparasion of Dimensions

规格 Size		D1	D	GB9112-88(国标)			DIN2501 (德国) BS4504 (英国) ISO2084 ISO2531 (国际标准)			BS10-E (英国)			ANS1125(美国)		
				d x k			d x k			d x k			d x k		
				MPa			MPa			MPa			MPa		
(mm)	(inch)			1.0	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0	1.6
50	2"	120	23	16	1.0	125②	16	1.0	125②	15.9	0.7	114.3①	15.9	3.25	120.6②
65	2.5"	136.2	26.5	16	0.85	145②	16	0.85	145②	15.9	0.7	127①	15.9	3.55	139.7②
80	3"	160	18	16	1.0	160②	16	1.0	160②	-	-	-	-	-	-
100	4"	185	24.5	16	1.75	180①	16	1.75	180①	15.9	0.7	177.8①	15.9	1.55	190.5②
125	5"	215	23	16	1.0	210①	16	1.0	210①	15.9	0.83	209.58①	19	1.55	215.9②
150	6"	238	25	20	1.5	240②	20	1.5	240②	19	1.48	234.95①	19	1.35	241.3②
200	8"	295	25	20	2.5	295	20	2.5	295	19	1.55	292.1①	19	1.3	298.4②
250	10"	357	29	20	24	1.0	1.5	350①	355②	20	24	1.0	1.5	350①	355①
300	12"	407	29	20	24	1.0	1.0	400①	410②	20	24	1.0	1.0	400①	410②
350	14"	467	30	20	24	1.5	1.5	460①	470②	20	24	1.5	1.5	460①	470②

注：1、规格尺寸为阀门通径尺寸；D1为阀门法兰孔中心分布圆尺寸；D为法兰孔直径。

2、各国法兰标准中的d代表螺栓直径；X代表孔与螺栓的最小间隙；K代表标准法兰孔中心分布圆尺寸。

* 如果需要上表中国外标准法兰请在合同中注明。

Note: 1. Size—Nominal diameter of the valve: D1—Diameter of the flange bolt hole center circle; D—Diameter of the flange bolt holes.

2. d—Diameter of bolts: X—Minimum clearance between the bolt and the bolt hole; K—Diameter of the bolt hole circle of standard flange.

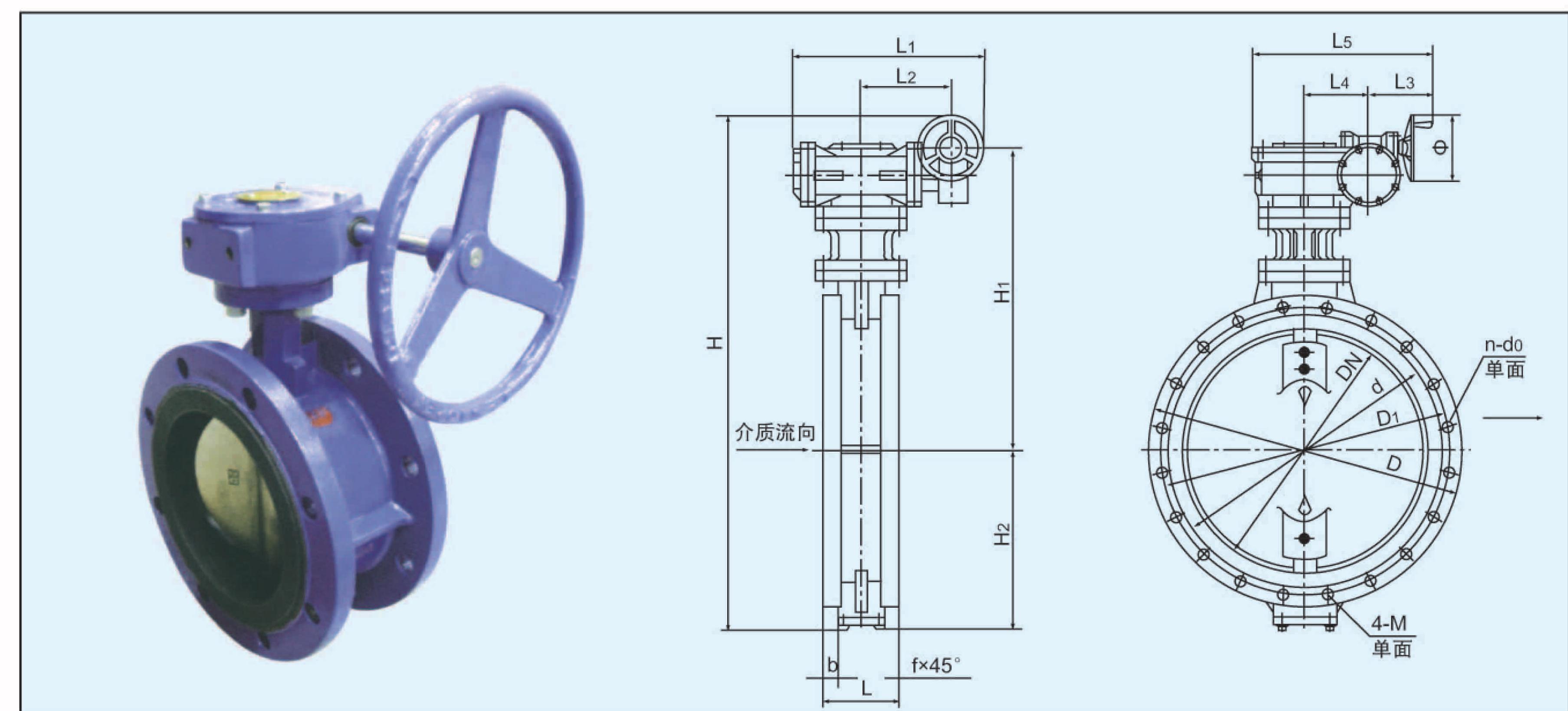
* Please give clear declaration in your contract when ordering flanges to foreign standard.

D341X-10/16 法兰式蝶阀 Flanged Butterfly Valve

◆ 简介 Brief

本蝶阀系我公司最新研制的法兰蝶阀，主要适用于水厂、电厂、钢厂冶炼、造纸、化工、饮食等系统供排水用，尤为适用于自来水管路上作为调节流量设备使用。

This butterfly valve is the flange butterfly valve that my company develops most newly, apply to water works, electric power plant, steel mill mainly smelt, paper making, system such as chemical industry, food and drink is for draining off's using, especially is put into use on the way as the equipment adjusting rate of flow by service pipe suitable for use.



◆ 法兰蝶阀外型尺寸、连接尺寸 Overall & Connection Dimensions of Flange Butterfly Valve

公称通径 Nominal diameter DN	L	1.0MPa			1.6MPa		
		D	D1	n-d0	D	D1	n-d0
50	108	165	125	4-18	165	125	4-18
65	112	185	145	4-18	185	145	4-18
80	114	200	160	8-18	200	160	8-18
100	127	220	180	8-18	220	180	8-18
125	140	250	210	8-18	250	210	8-18
150	140	285	240	8-22	285	240	8-22
200	152	340	295	8-22	340	295	12-22
250	165	395	350	12-22	405	355	12-26
300	178	445	400	12-22	460	410	12-26
350	190	505	460	16-22	520	470	16-26
400	216	565	515	16-26	580	525	16-30
450	222	615	565	20-26	640	585	20-30
500	229	670	620	20-26	710	650	20-33
600	267	780	725	20-30	840	770	20-36
700	292	895	840	24-30	910	840	24-36
800	318	1015	950	24-33	1025	950	24-39

D341X-10 法兰蝶阀 (闸阀长度) Flanged Butterfly Valve

◆ 简介 Brief

法兰蝶阀是为了适用用户替代传统闸阀而专门设计的，它集橡胶软密封对夹式蝶阀之优点，同时又兼顾闸阀之连接尺寸要求，使用户即选用到高密封性能的蝶阀又满足替代不同标准的传统闸阀之尺寸要求。

The flange butterfly valve is to design that specially in order to marry a consumer replacing the tradition valve, its collection rubber is soft merit of sealing up completely to gripping the dyadic butterfly gate, both gives consideration to the request linking a dimension of valve, makes a consumer be to select and use the butterfly valve sealing off a function's to height and satisfies the request replacing dimension of being unlike the standard tradition valve at the same time.

◆ 性能规范 Technical Data

公称通径 DN(mm) Nominal Diameter	50~600	50~600
公称压力 PN(MPa) Nominal Pressure	1.0	1.6
试验压力 Testing Pressure	壳体 Shell	1.5
	密封 Sealing	2.4
介质温度 Working Temperatur	10°C~+150°C	10°C~+150°C
适用介质 Suitable Mediums	水、气、食品、油类 Water,gas,food,oil etc.	



◆ 法兰蝶阀外型尺寸、连接尺寸和重量

Overall & Connection Dimensions & Weight of Flange Butterfly Valve

公称通径 DN Nominal diameter	A	B	C	D	D1	D2	E	n-Φ	重量 Weight (kg)
50	144	79	180	125	77	57	32	4-18	10
80	144	89	210	160	77	57	32	8-18	18
100	170	110	230	180	92	70	32	8-18	24
150	226	138	280	240	92	70	32	8-22	41
200	260	170	330	295	115	89	45	8-22	64
250	292	203	380	350	115	89	45	12-22	80
300	337	231	420	400	140	108	45	12-22	117
350	368	260	450	460	140	108	45	16-22	200
400	400	290	480	515	197	159	51	16-26	215
500	480	355	540	620	197	159	64	20-26	300
600	562	400	600	725	276	215	76	20-30	

SD341X-10 伸缩法兰蝶阀 Flex Flanged Butterfly Valve

◆ 简介 Brief

本蝶阀适用温度≤80℃，用于石油、化工食品医药、轻纺、造纸、电力、给排水、气体管路上，作调节流量和截流介质的作用，具有补偿管道热胀冷缩的功能。

This butterfly valve is suitable to temperature≤80°C, is used on petroleum, chemical industry foodstuff medicine gently the spinning and papermaking, power, plumbing and gas pipe route, and does the effect adjusted the volume of flow and dams a river the medium. Possess the bloated cold function that contracts of compensation pipeline heat.

◆ 特点 Features

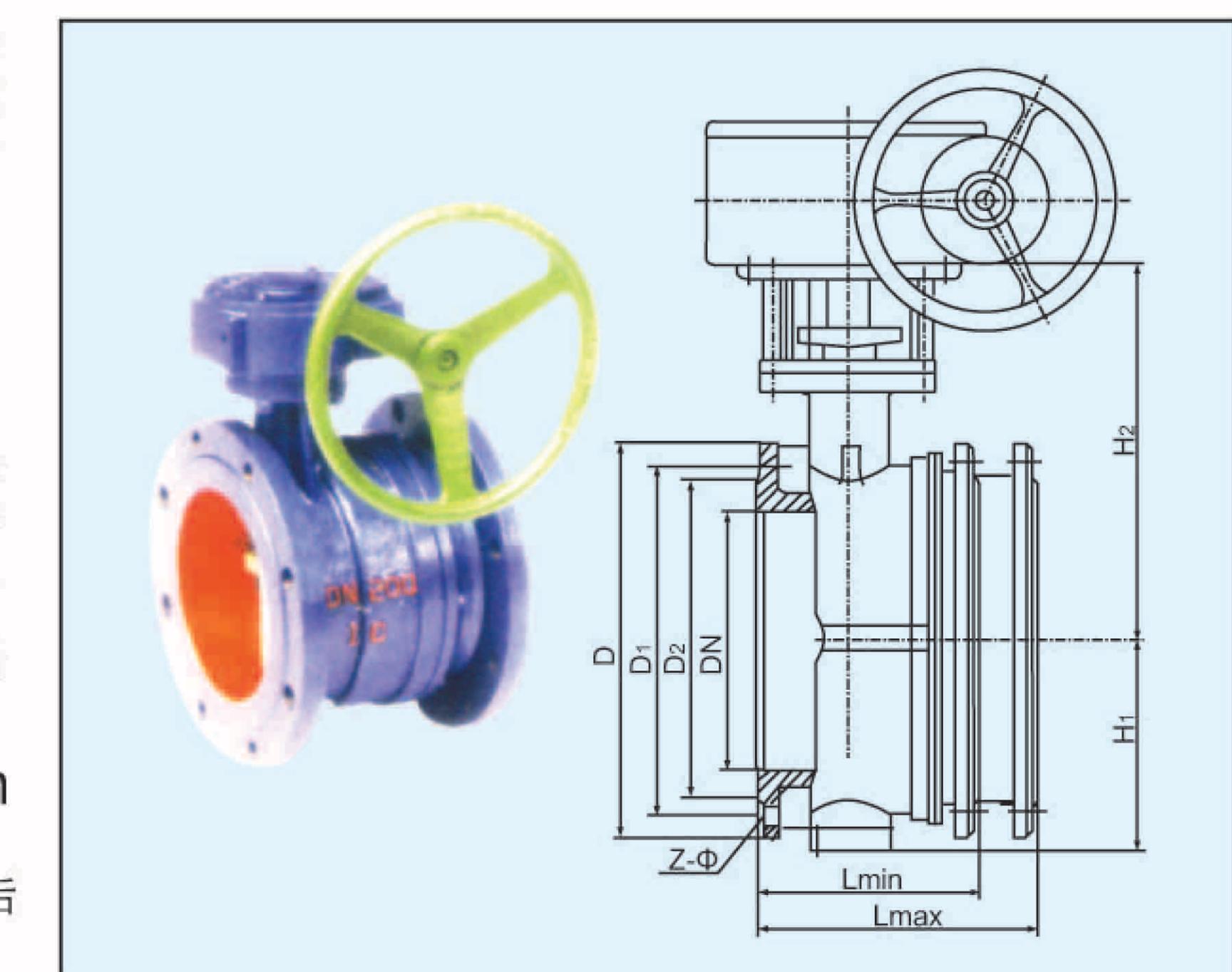
1. 设计新颖、合理、结构独特、重量轻、操作方便、起闭迅速。
2. 本伸缩蝶阀既能起到调节流量和截流作用，只能补偿管道温差，所产生的热胀冷缩功能，同时也便于安装和拆卸，为一阀多用产品。
1. The design is new and original and reasonable and the structure is unique and is light in weight and operates makes things convenient for and it is rapid case to close.
2. This stretch butterfly valve can act to adjust the volume of flow with damming a river the effect, to compensate that the pipeline difference in temperature is given rise to again hot expands to cool contracts the function, and but also being easy to at the same time install and dismantles, uses the product for one valve more.

◆ 安装注意事项 Installment matters needing attention

1. 本蝶阀安装前必须清洗内腔杂质。
2. 本阀可在一定范围内伸缩，安装前必须松开伸缩部位的密封垫压盖，然后待本阀门与管道所需要的长度后，再锁紧伸缩密封压盖。
1. This butterfly valve must rinse the cavity odds and ends before the installation.
2. These valve approve in the field flex, hence fasten must loosen pars contractilis steric seal gland, then should telescopic joint regulate to required position keeper conduit bolt post, anew keeper flex gland, these valve be incapable of exceed scope use up on.

◆ 主要零部件材料 Material of Main Parts

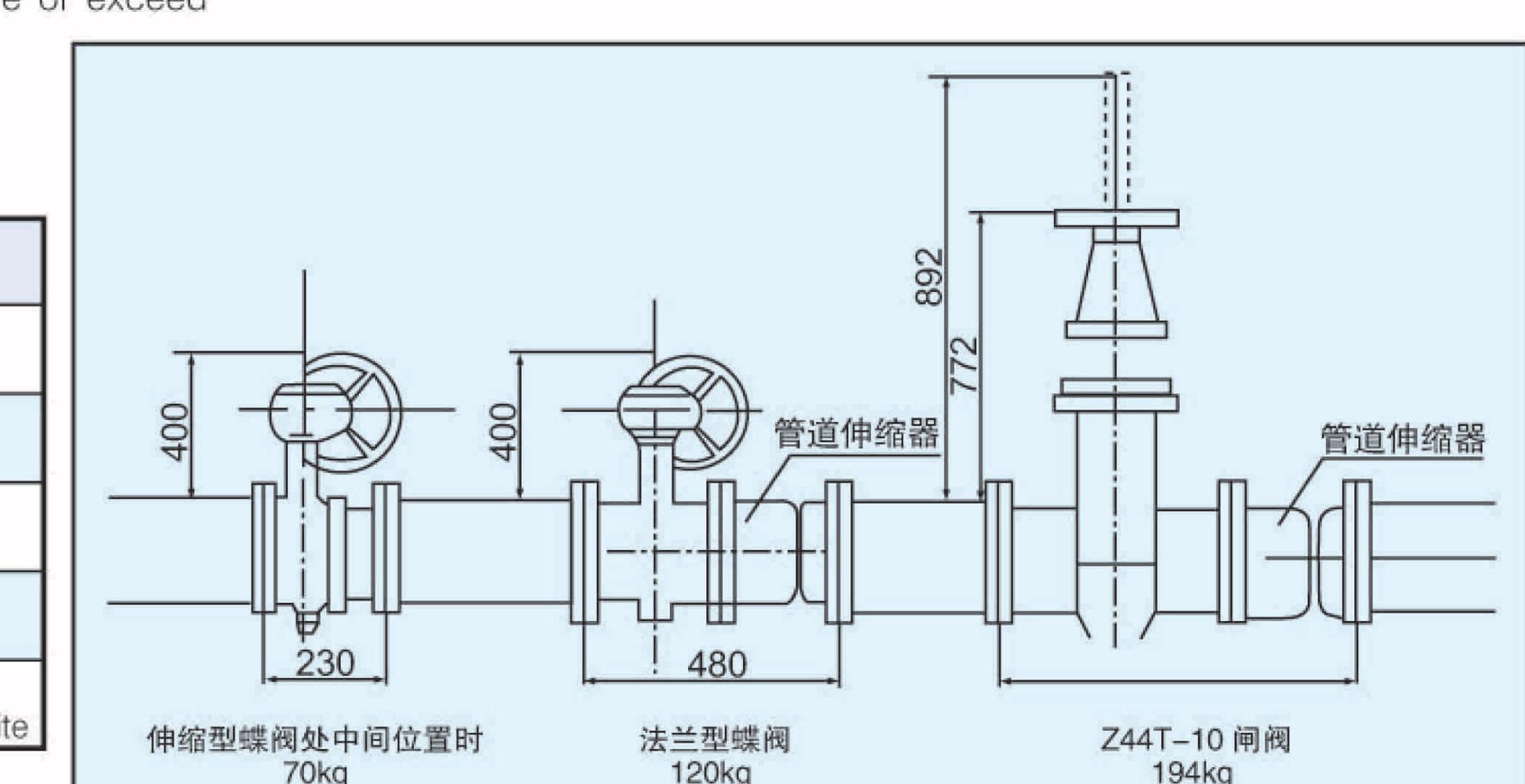
名称 Name	材料 Material name
阀体 Valve body	铸铁、球墨铸铁、铸钢、不锈钢 Cast iron, nodular cast iron, cast steel and stainless steel
阀板 Valve board	铸铁、球墨铸铁、铸钢、不锈钢 Nodular cast iron, Copper alloy and stainless steel
阀杆 Valve pole	2Cr13、不锈钢衬 stainless steel line
密封圈 Sealing-circle	耐磨橡胶、丁晴橡胶等 The fine rubber of wear-resisting rubber and NBR etc.
填料 Filler	丁晴橡胶V型垫、柔性石墨 Butadiene-acrylonitrile rubber V-mode pillow, expanded graphite



◆ 法兰伸缩蝶阀外型及连接尺寸

Overall & Connection Dimensions Of Flange Flex Butterfly Valve

压力 Pressure	直径 Diameter	最长 Longest L ₂	中间 Among L	最短 Shortest L ₁	D ₂	D	D ₁	H	H ₁	H ₂	B ₁	B ₂	N	N ₂	Φ	Z-Φ
1.0 MPa	100	196	180	164	155	215	180	359	120	239	186	350	180	150	152	8-Φ18
	150	227	210	192	210	280	210	392	124	278	186	350	180	150	152	8-Φ23
	200	247	230	212	265	335	295	465	170	295	186	350	180	150	152	8-Φ23
	250	267	250	232	320	390	350	555	198	357	253	453			250	12-Φ23
	300	287	270	252	368	440	400	570	218	353	253	453			250	12-Φ23
	350	310	290	270	428	500	460	670	253	417	253	453			250	16-Φ23
	400	332	310	290	482	565	515		285	465	320	415	200	207	400	16-Φ26
	450	352	330	310	532	615	565	800	310	490	320	415	200	207	400	20-Φ26
	500	375	350	330	585	670	620	860	340	520	320	415	200	207	400	20-Φ30
	600	420	390	360	635	780	725	1007	397	610					500	20-Φ30
	700	465	430	395	800	895	840	1157	467	690	470	510			300	24-Φ30
	800	510	470	430	905	1015	950	1295	530	765	470	510			300	24-Φ34
	900	555	510	465	1005	1115	1050	1425	595	830	470	510			300	28-Φ36
	1000	600	550	500	1110	1230	1160	1580	670	910	470	510			300	32-Φ39
	1200	690	630	570	1330	1455	1380	1815	785	1030	470	510			300	32-Φ39
	1400	780	710	640	1560	1630	1560	2015	835	1180					600	36-Φ36
0.6 MPa	1600	860	790	720	1710	1830	1760		1100	1300					600	40-Φ36
	1800	940	870	800	1920	2045	1970		1180	1400					600	44-Φ39
	2000	1020	950	880	2125	2265	2100		1300	1580					600	48-Φ42



D341X-10 法兰蝶阀 (闸阀长度) Flanged Butterfly Valve

◆ 简介 Brief

本蝶阀系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、饮食、等系统供排水用，尤其适用于自来水管路上，作为调节和截流设备使用。

This butterfly valve is the flange butterfly valve that my company develops most newly, apply to water works, electric power plant, steel mill mainly smelt, paper making, system such as chemical industry, food and drink is for draining off's using, especially is put into use on the way as the equipment adjusting rate of flow by service pipe suitable for use.

◆ 特点 Features

- 1、结构简单紧凑、重量轻，90° 旋转，开关迅速。
 - 2、设计合理，装拆容易，便于维修。
 - 3、采用偏心结构，减少密封圈的磨擦，延长阀门使用寿命。
 - 4、完全密封，泄漏为零。
 - 5、更换阀板密封圈、O型圈、蝶板、转轴等材质，可适用多种介质和不同温度。
1. Structure simple compact, the weight is light, 90° Revolves, the switch is rapid.
 2. Designs reasonably, the assembling and dismantling is easy, to be advantageous for the service.
 3. Uses the eccentric structure, reduces the seal packing collar the friction, lengthens the valve service life.
 4. Completely seals, divulges for zero.
 5. Replacement valve board material quality and so on seal packing collar, O circle, butterfly board, revolution axis, suitable many kinds of medium and different temperature.



◆ 标准与规范 Standard and standard

1. 该产品符合GB12238-89《通用阀门 法兰和对夹连接蝶阀》标准。
2. 试验符合 GB/T13927-92《通用阀门 压力试验》标准。
3. 侧法兰连接符合 GB/T17241.6-1998《整体铸铁管法兰》、GB4216.4-4216.5-84《灰铸铁管法兰及垫片》标准。同时分别符合BS4504、ISO2084、DIN2501中的PN1.0MPa、PN1.6MPa法兰连接标准。
1. This product conforms to GB12238-89" General Valve Flange And to Clamps Connects Butterfly valve" the standard.
2. The experiment conforms to GB/T" General Valve Pressure test" .
3. Measured the flange connection conforms to GB4216.4-4216.5-84" Gray iron Flange And Filling piece" the standard.

◆ 主要零件材质 Material of Main Parts

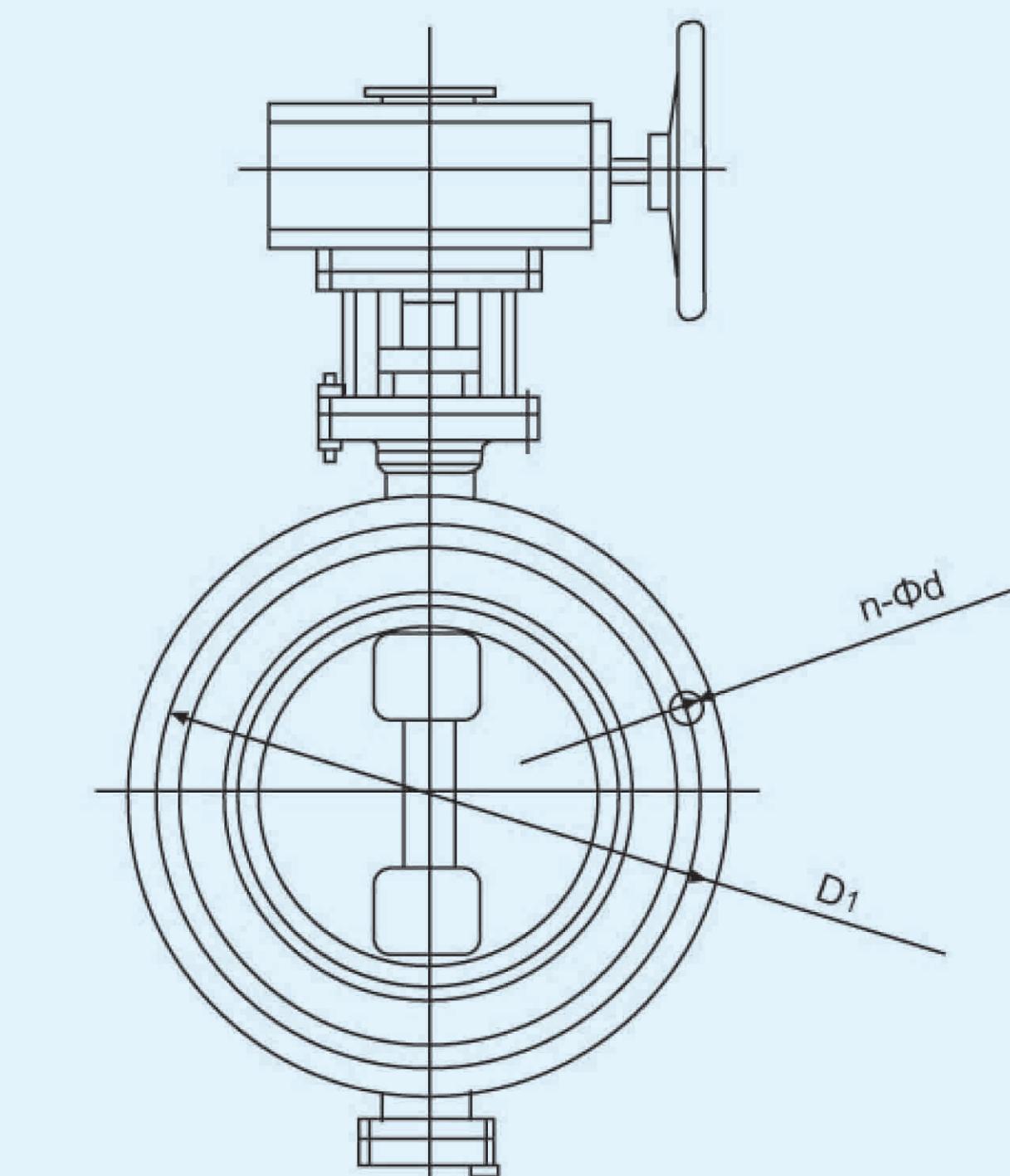
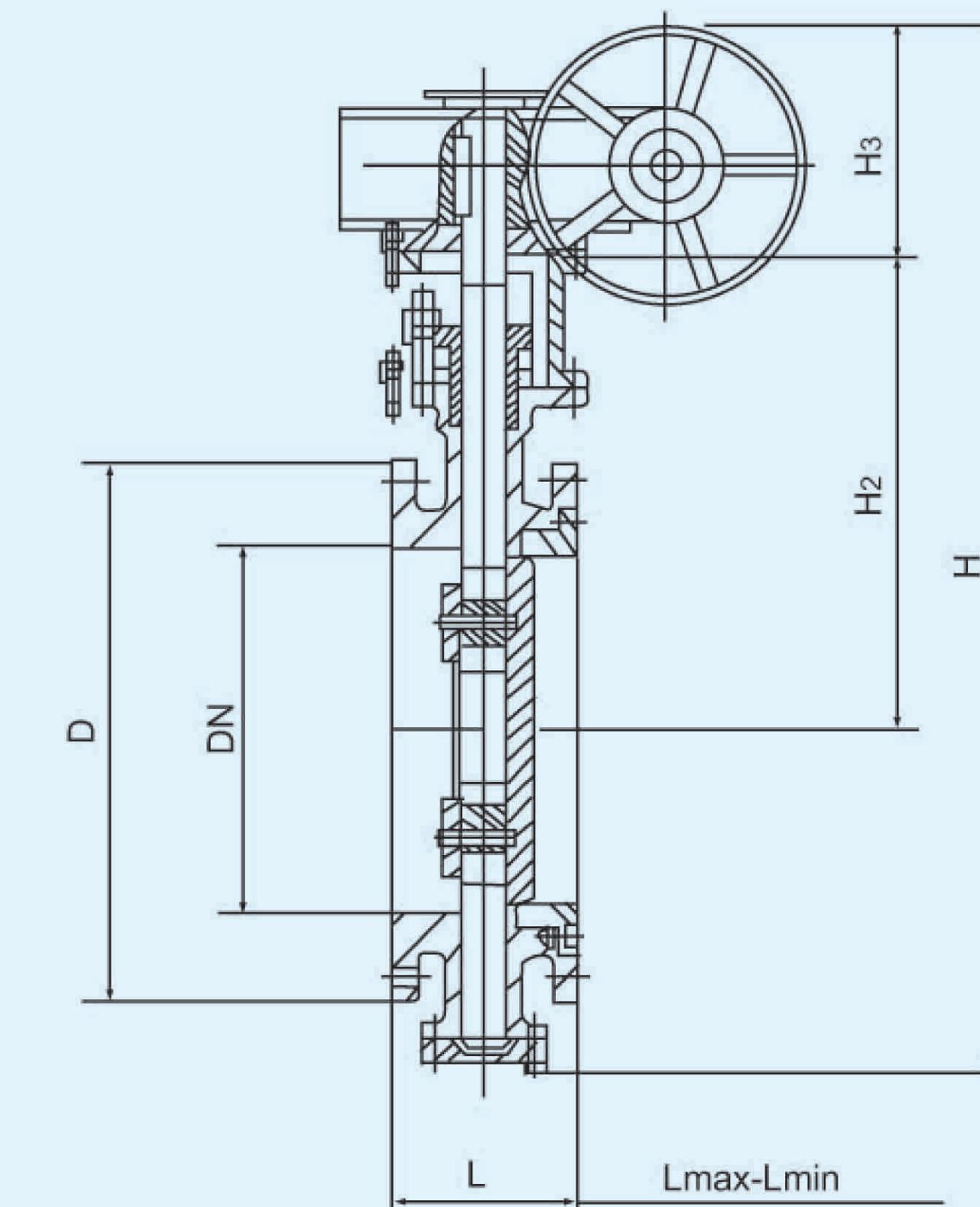
名称 Name	阀体 Valve body	阀板 Valve board	转轴 Fulcra	轴套 Shaft sleeve	阀板密封圈 Valve plate lock ring	阀体钢环 Valve body steel ring
国标 GB	HT200	QT500	2Cr13	ZCuZn38Mn3Pb2	丁腈橡胶 NBR	0Cr18Ni9
美标ASTM	A126 ClassB	A536-65-45-12	420	B36	D2000 Aa6014	S32100
英标BS	B1452-20	BS2789-65	Bs970	Bs1400	Bs2494 Buua-N	BS321S12

◆ 性能规范 Technical Date

公称通径 DN(mm) Nominal Diameter	100~1200		100~1200	
公称压力 PN(MPa) Nominal Pressure	1.0		1.6	
试验压力 Testing Pressure	密封 Seal	1.5	2.4	
	壳体 Shell	1.1	1.76	
适用温度°C Suitable Temperatur	-10~+120			
适用介质 Suitable Mediums	淡水、污水、空气等 water,sewage etc. Gas			

D343X-10 软密封双偏心短结构手动法兰蝶阀 D34A3X-10 软密封双偏心短结构手动法兰蝶阀

D943X-10 软密封双偏心短结构手动法兰蝶阀 D943x-16 软密封双偏心短结构手动法兰蝶阀



◆ 双偏心法兰伸缩蝶阀外型尺寸、连接尺寸及重量

Overall & Connection Dimensions & Weight of Double-eccentric Flange Butterfly Valve

公称通径 Nominal diameter DN	(mm)	(inch)	尺寸 Size (mm)										重量 Weight (kg)				
			H	H2	H3	Lmax	Lmin	L	D1	n-Φd及M							
D343/943X-6/10/16 D34A3/94A3X-6/10/16																	
50	2"	309	112	117	164	138	151	110	125	125	4-14	M12	4-18	M16	4-19	M16	14.3
65	2.5"	337	112	117	190	154	172	130	145	145	4-14	M12	4-18	M16	4-19	M16	16.8
80	3"	347	135	117	195	163	177	150	160	160	4-18	M16	8-18	M16	8-19	M16	18.7
100	4"	373	142	117	227	184	206	170	180	180	4-18	M16	8-18	M16	8-19	M16	26.2
125	5"	405	160	117	254	201	215	200	210	210	8-18	M16	8-18	M16	8-19	M16	33.6
150	6"	440	180	117	240	195	225	225	240	240	8-18	M16	8-22	M20	8-23	M20	37.3
200	8"	612	225	212	265	215	245	280	295	295	8-18	M16	8-22	M20	12-23	M20	68.7
250	10"	693	266	212	295	235	265	335	350	350	12-18	M16	12-22	M20	12-28	M24	86.8
300	12"	747	290	212	308	254	282	395	400	410	12-22	M20	12-22	M20	12-28	M24	120
350	14"	802	320	212	325	271	300	445	460	470	12-22	M20	16-22	M20	16-28	M24	157
400	16"	991	400	265	345	283	314	495	515	525	16-22	M20	16-26	M24	16-31	M27	227
450	18"	1037	425	265	370	314	340	550	565	585	16-22	M20	20-26	M24	20-31	M27	260
500	20"	1127	480	265	377	316	346	600	620	650	20-22	M20	20-26	M24	20-34	M30	300
600	24"	1377	520	380	446	388	417	705	725	770	20-26	M24	20-30	M27	20-37	M33	540
700	28"	1496	577	380	445	395	425	810	840	840	24-26	M24	24-30	M27	20-37	M33	684
800	32"	1484	620	270	479	425	455	920	950	950	24-30	M27	24-33	M30	24-40	M36	952
900	36"	1676	715	285	515	455	485	1020	1050	1050	24-30	M27	28-33	M30	28-40	M36	1290
1000	40"	1760	760	285	525	465	495	1120	1160	1160	28-30	M27	28-36	M33	28-43	M39	1456
1200	48"	2018	900	285	574	512	542	1340	1380	1380	32-33	M30	32-39	M36	32-49	M45	2310
1400	56"	2363	1000	425	599	547	572	1560	1590	1590	36-36	M33	36-42	M39	36-49	M45	2816
1600	64"	2723	1160	425	640	589	615	1760	1820	1820	40-36	M33	40-48	M45	40-56	M52	4218
1800	72"	2844	1247	425	725	670	692	1970	2020	2020	44-39	M36	44-48	M45	44-56	M52	5650
2000	80"	3127	1362	425	764	680	722	2180	2230	2230	48-42	M39	48-48	M45	48-62	M56	6000

◆ 简介 Brief

- 本产品适用介质范围宽。如：可用于水、蒸气、油品、空气、煤气等介质。
- 本产品适用场合广。如食品、饮料、医药、石化、电厂、钢厂、工业环保水处理、高层建筑给排水管路作启闭调节介质流量之用。
- 本产品适用温度宽。如-20℃ ~ +425℃。
- 工作压力大，耐磨损，使用寿命长。
- 密封可靠性好，具有自动定心作用，泄漏量小。
- 本产品分为对夹式和法兰式两种连接形式。
- F四氟密封适用≤160℃。
- This product is suitable the medium scope to be wide. For example; May use in medium and so on water, vapor, oil quality, air, coal gas.
- This product the suitable situation is broad. If food, the drink, the medicine, petrified, the power plant, the industry environmental protection water treatment, the high-rise construction do for the drain line opens shuts using of the control agent current capacity.
- This product is suitable the temperature to be wide. If -20℃ ~ +425℃.
- Working pressure big, the wearability, the service life is long.
- Seal reliability good, has the self-centering function, Leakage amounts is small.
- This product divides into to clamps the type and the flange type two kind of connections forms.
- The F four fluorine seals is suitable ≤160℃.

◆ 主要零部件材质 Material of Main Parts

名称 Name	材料 Material
阀体 valve body	球铁、铸钢、不锈钢 Nodular cast iron, cast steel, stainless steel
阀板 Valve board	不锈钢、碳钢 Stainless steel, carbon steel
阀杆 Valve pole	不锈钢 Stainless steel
密封圈 Sealing ring	不锈钢圈、聚四氟乙烯 Stainless steel circles PTFE
填料 Filler	耐腐橡胶、聚四氟乙烯 Fluorine rubber and PTFE

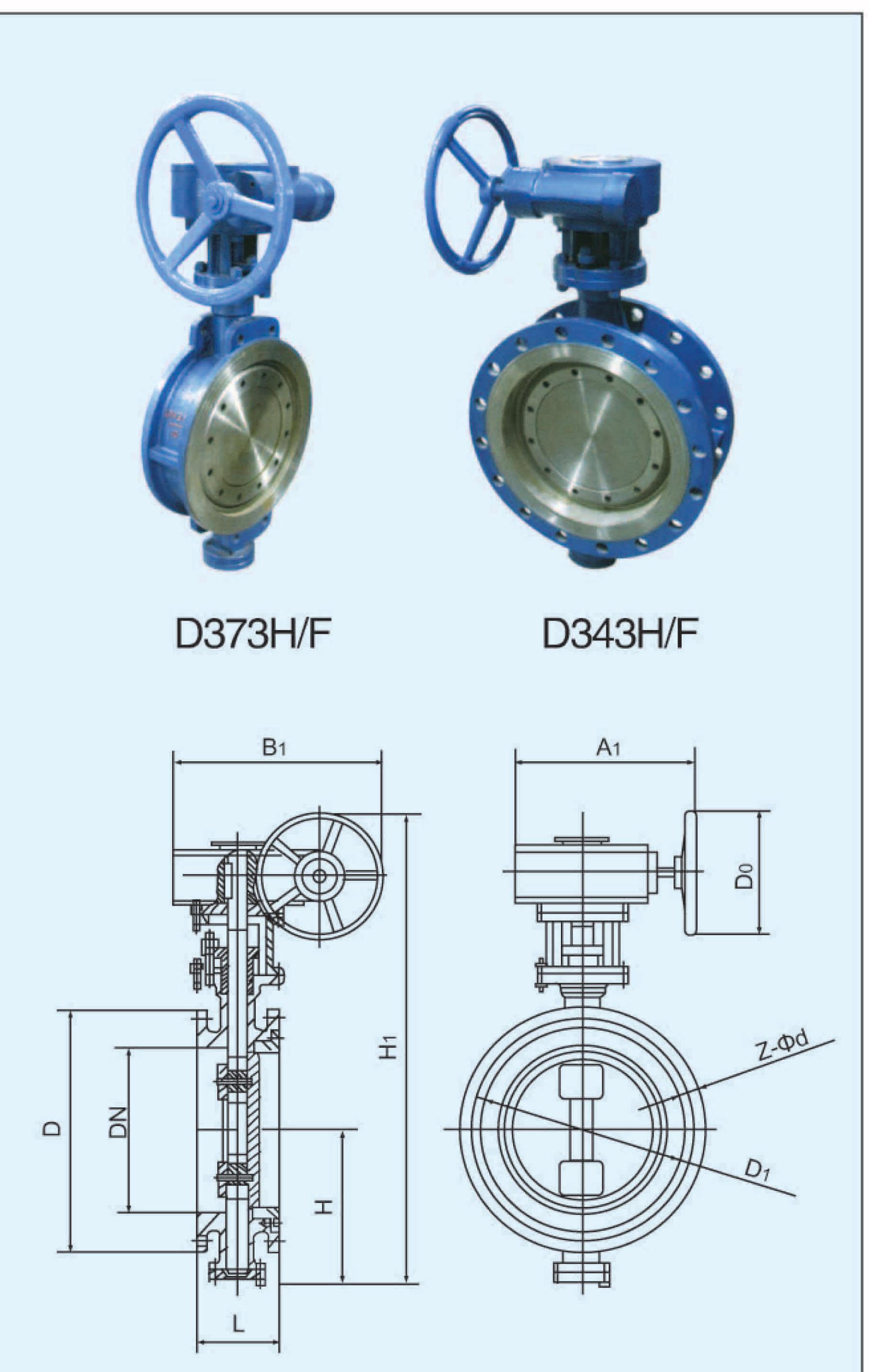
◆ 性能规范 Technical Date

公称通径DN(mm) Nominal Diameter	10~100		
公称压力PN(MPa) Nominal Pressure	1.0	1.6	2.5
试验压力 Test that Pressure	壳体 Shell	1.5	2.4
	密封 Sealing	1.1	1.76
适用温度(℃) Suitable temperature			-20~+425℃
适用介质 Suitable medium			液体或气体状腐蚀性介质 Liquid or gas shape corrosivity medium

◆ D673H-16 C.P.R.V系列对夹蝶阀外形及连接尺寸 Overall & Connection Dimensions & Weight of wafer Butterfly Vale

公称通径 (DN) Nominal Diameter	L	H	外形尺寸 Overall dimensions					连接尺寸 Connection dimensions				
			D373H	D673H	D973H	PN0.6MPa	PN1.6MPa	D1	Z-Φd	D1	Z-Φd	
50	43	112	350	180	200	625	245	72	530	250	255	125 4-Φ18
65	46	115	370	180	200	625	245	72	550	250	255	145 4-Φ18 145 4-Φ18
80	49	120	380	180	200	645	245	72	565	250	255	160 8-Φ18 160 8-Φ18
100	56	138	420	180	200	675	255	92	600	250	255	180 8-Φ22
125	64	164	460	180	200	715	355	92	640	250	255	210 8-Φ26
150	70	175	555	270	280	800	355	92	705	300	315	240 8-Φ22 250 8-Φ26
200	71	208	605	270	280	850	250	170	775	300	315	295 12-Φ22 310 12-Φ26
250	76	243	680	270	280	925	250	170	945	300	315	355 12-Φ26 370 12-Φ30
300	83	283	800	380	420	1035	450	220	1070	300	315	410 12-Φ26 430 12-Φ30
350	92	310	835	380	420	1070	450	220	1140	300	315	470 16-Φ26 490 16-Φ33
400	102	340	915	450	470	1190	450	280	1190	300	315	525 16-Φ30 550 16-Φ36
450	114	380	960	480	490	1250	650	280	1335	714	550	585 20-Φ30 600 20-Φ36
500	127	410	1020	480	490	1295	650	380	1415	575	714	650 20-Φ36
600	154	470	1225	480	490	1455	850	380	1605	600	620	725 20-Φ30
700	165	550	1355	640	660	1585	850	380	1844	656	680	770 20-Φ36 845 770 20-Φ39
800	190	640	1470	640	660	1700	1250	380	2040	656	680	910 24-Φ36 960 24-Φ42
900	203	710	1545	750	860	1865	1250	380	2255	785	863	1025 24-Φ39 1085 990 24-Φ48
1000	216	770	1795	850	900	2015	1250	380	2380	785	863	1125 28-Φ39 1185 1090 28-Φ48
1200	254	890	1965	850	900	2105	1250	380	2640	785	863	1255 28-Φ42 1320 1210 28-Φ56

双偏心金属硬密封蝶阀 Double-eccentric metal-seat butterfly valve



◆ D673H-16 C.P.R.V系列对夹蝶阀外形及连接尺寸 Overall & Connection Dimensions & Weight of wafer Butterfly Vale

公称通径 (DN) Nominal Diameter	L	H	外形尺寸 Overall dimensions						连接尺寸 Connection dimensions			
			D373H			D673H			D973H			PN1.6MPa
50	43	112	350	180	200	625	245	72	530	250	255	125 4-Φ18
65	46	115	370	180	200	625	245	72	550	250	255	145 4-Φ18
80	49	120	380	180	200	645	245	72	565	250	255	160 8-Φ18
100	56	138	420	180	200	675	355	92	600	250	255	180 8-Φ22
125	64	164	460	180	200	715	355	92	640	250	255	210 8-Φ26
150	70	175	555	270	280	800	355	92	705	300	315	240 8-Φ22 250 8-Φ26
200	71	208	605	270	280	850	250	170	775	300	315	295 12-Φ22 310 12-Φ26
250	76	243	680	270	280	925	250	170	945	300	315	355 12-Φ26 370 12-Φ30
300	83	283	800	380	420	1035	450	220	1070	300	315	410 12-Φ26 430 12-Φ30
350	92	310	835	380	420	1070	450	220	1140	300	315	470 16-Φ26 490 16-Φ33
400	102	340	915	450	470	1190	450	280	1190	300	315	525 16-Φ30 550 16-Φ36
450	114	380	960	480	490	1250	650	280	1335	714	550	585 20-Φ30 600 20-Φ36
500	127	410	1020	480	490	1295	650	380	1415	600	620	650 20-Φ36
600	154	470	1225	480	490	1455	850	380	1605	656	680	725 20-Φ30
700	165	550	1355	640	660	1585	850	380	1844	656	680	770 20-Φ36 845 770 20-Φ39
800	190	640	1470	640	660	1700	1250	380	2040	656	680	910 24-Φ36 960 24-Φ42
900	203	710	1545	750	860	1865	1250	380	2255	785	863	1025 24-Φ39 1085 990 24-Φ48
1000	216	770	1795	850	900	2015	1250	380	2380	785	863	1125 28-Φ39 1185 1090 28-Φ48
1												

DH77X-16 蝶形止回阀 Butterfly check Valve

对夹式蝶形止回阀采用国外先进结构设计，符合有关国际标准系属节能型产品。此产品止回性能好、安全、可靠、流阻小，主要适用于石油、化工、食品、医药、轻纺、造纸、给排水、冶炼及能源等系统。作为单向阀使用。

The Butterfly Check Valve adopt advanced physical design of abroad, accords with being to belong to the energy conservation type product in connection with the international standard to gripping the dyadic butterfly. This product stops returning to a function good, safe, reliable, the stream hinders applying to petrochemical industry for a short time, mainly, food, medicine, spin gently, the paper making, gives system such as draining away water, smell to reach the sources of energy. Be put into use as single check valve.

性能规范 Technical data

公称通径Nominal Diameter(DN)		50(2")~700(28")	50(2")~450(18")	
公称压力 Nominal Pressure(PN)		1.0	1.6	
试验压力 Test that Pressure	壳体 Shell	1.5	2.4	
	密封 Sealing	1.1	1.76	
适用温度(°C) Suitable temperature		-15~+150°C		
适用介质 Suitable medium		淡水、污水、空气蒸气、食品、药品、各种油类、酸类 Fresh water, foul water, air steam, food, medicines and chemical reagents, various oil kind, acid resemble.		

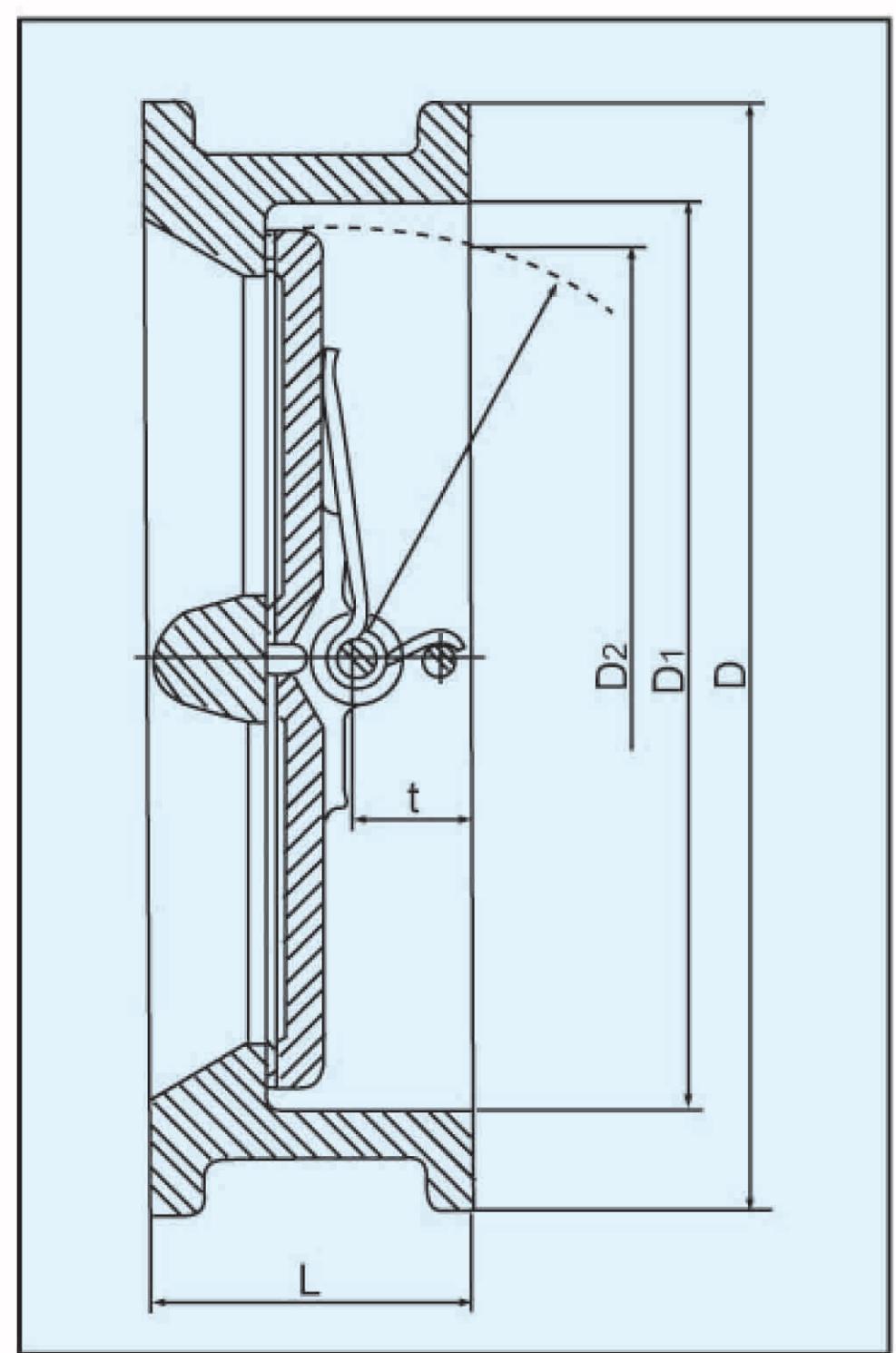


主要零部件材质 Material of Main Parts

阀体 Body		阀板 Disc		转轴 Stem	橡胶座 Rubber Gasket		弹簧 Spring
材料名称 Name	代号 Code	材料名称 Name	代号 Code	材料名称 Name	代号 Code	适用温度°C Working Temp	材料名称 Name
灰铸铁 Cast Iron	Z	电镀球墨铸铁 Plated ductile Iron	1	乙丙橡胶 NBR	X ₃	-46~+121 短时Short time -50~+150	
球墨铸铁 Ductile Iron	Q	铝青铜 Aluminum bronze	2	氯丁橡胶 EPDM	X ₄	-29~+99 短时Short time -35~+113	
碳钢 Carbon steel	C	ZG1Cr13Ni9Ti 不锈钢 Stainless steel	3	丁腈橡胶 NBR	X ₅	-23~+82 短时Short time -23~+93	
不锈钢 Stainless steel	P	CF8M不锈钢 Stainless steel	5	氟橡胶 VITON	X ₇	-23~+150	
		CF8M不锈钢 Stainless steel	7				

外形、结构尺寸及重量 Overall & Connection Dimensions & Weight

公称通径 Nominal diameter mm inch	D	D ₁	D ₂	L	R	t	重量 Weight(kg)
50 2"	107	65	43.3	43	28.8	19	1.5
65 2.5"	127	80	60.2	46	36.1	20	2.4
80 3"	142	94	66.4	64	43.4	28	3.6
100 4"	162	117	90.8	64	52.8	27	5.7
125 5"	192	145	116.9	70	65.7	30	7.3
150 6"	218	170	144.6	76	78.6	31	9.0
200 8"	273	224	198.2	89	104.4	33	17.0
250 10"	328	265	233.7	114	127.0	50	26.0
300 12"	378	310	283.9	114	148.3	43	42.0
350 14"	438	360	332.9	127	172.4	45	55.0
400 16"	489	410	381.0	140	197.4	52	75.0
450 18"	539	450	419.9	152	217.8	58	101
500 20"	594	505	467.8	152	241.0	58	111.2
600 24"	690	624	572.6	178	295.4	73	172.0
700 28"	800	720	680.0	229	354.0	98	219.0



采用标准 Accepted standard

产品名称 Name	产品执行标准名称 The product carries out the standard name	执行标准编号 Carry out the standard serial number	
蝶阀Butterfly valve	对夹连接防腐蝶阀 Grip the butterfly gate linking antiseptic face to face	Q/12 NK3321-2001	现行 Carry out now
蝶阀Butterfly valve	碳素结构钢 Carbon steel	GB/T700-1988	现行 Carry out now
蝶阀Butterfly valve	形状和位置公差 为注公差值 The form and the location common difference are to annotate common difference value	GB1184-1996	现行 Carry out now
蝶阀Butterfly valve	不锈钢棒 Stainless steel	GB1220-1992	现行 Carry out now
蝶阀Butterfly valve	通用阀门标志 The valve being applied or used universally is indicated	GB/T12220-1989	现行 Carry out now
蝶阀Butterfly valve	部分回转阀门驱动装置的连接 Part gyration valve driving device connection	GB/T12223-1989	现行 Carry out now
蝶阀Butterfly valve	通用阀门灰铸铁件技术条件 Valve grey cast iron document requirement being applied or used universally	GB/T12226-1989	现行 Carry out now
蝶阀Butterfly valve	通用阀门 球墨铸铁件技术条件 Valve SG iron document requirement being applied or used universally	GB/T12227-1989	现行 Carry out now
蝶阀Butterfly valve	通用阀门压力试验 Pressure tests the valve being applied or used universally	GB/T13927-1992	现行 Carry out now
蝶阀Butterfly valve	通用阀门供货要求 The valve supply of material being applied or used universally demands	JB/T7928-1999	现行 Carry out now
蝶阀Butterfly valve	模塑用聚四氟乙烯树脂 Fumble along mould use PTFE	HG/T2902-1997	现行 Carry out now

阀门金属材质、非金属材质、耐腐蚀耐温推荐表

Valve metal material quality, nonmetallic material quality, corrosion prevention proof warm up recommend table

材 质 Material	适 用 温 度 Suitable temperature	介 质 类 型 及 适 用 程 度 the type reaches medium applying to degree													
		Fresh water	Sea-water	Salt	Strong Alkali	Weak Alkali	Strong Acid	Weak Acid	Natural Gas	Alcohol	Air	Steam	Oil	Food	突 出 特 点 Be outstanding Features
阀 座 Valve Seat	丁腈橡胶(NBR)X ₅	-23°C~93°C	A	A	A	B	A	D	B	A	C	A	D	A	耐油 Be able to bear Oil
	乙丙橡胶(EPDM)X ₃	-46°C~135°C	A	A	A	A	A	C	A	B	B	A	A	C	耐老化 Weather resistance
	耐热乙丙橡胶X ₉	-46°C~150°C	A	A	A	A	A	C	A	B	B	A	A	C	耐热、耐老化 Heat resisting, weather resistance
	天然橡胶(NR)X ₁	-20°C~85°C	A	A	A	A	A	C	B	D	C	A	B	B	高弹化 High bomb melt
	氯丁橡胶(CR)X ₄	-29°C~99°C	A	A	B	A	A	D	C	D	C	A	D	D	耐磨、耐老化 Worn, weather resistance
	硅橡胶(SI)	-55°C~180°C	A	A	B	D	B	D	B	A	B	A	A	C	耐高温 High temperature
	氟橡胶(FPM)X ₇	-23°C~200°C	A	A	A	C	A	C	A	A	C	A	A	A	耐腐蚀、耐高温 Corrosion prevention, High temperature
蝶 形 板 Butterfly Board	聚四氟乙烯(PTFE)F ₄	-20°C~180°C	A	A	A	A	A	A	A	A	A	A	A	A	耐所有化学介质腐蚀 Proof possession chemical mediator erode
	球铁电镀 Plate with Ball Iron Electricity	-30°C~350°C	B	D	C	C	C	D	C	B	A	B	A	C	耐热 Heat resisting
	碳钢聚酰胺覆层(PA)	-30°C~100°C	A	A	A	A	A	D	A	A	C	A	D	A	耐腐蚀、耐碱性佳 corrosion prevention, alkaline resistance, properties beautiful
	碳钢氯化聚醚覆层(PCR)	-30°C~140°C	A	A	A	A	A	A	A	A	A	A	C	A	耐腐蚀、耐碱性佳 corrosion prevention, alkali resistance, properties beautiful
	聚四氟乙烯(PTFE)	-20°C~180°C	A	A	A	A	A	A	A	A	A	A	A	A	耐腐蚀、耐高温 Corrosion prevention, High temperature
	氟塑碳钢覆层(PFA)	-20°C~180°C	A	A	A	A	A	B	A	A	A	A	A	A	耐腐蚀、耐高温 Corrosion prevention, High temperature
	不锈钢 Stainless Steel	-252°C~316°C	A	C	C	C	B	C	B	A	A	A	A	A	耐腐蚀、耐高温 Corrosion prevention, High temperature
钛 金 属 Titanium Metal	-212°C~232°C	A	C	C	D	C	D	C	A	A	A	A	A	C	耐热、耐一般腐蚀 Heat resisting, proof general corrosion
	-196°C~550°C	A	A	A	A	A	C	B	A	A	A	A	A	B	耐腐蚀、耐高温 Corrosion prevention, High temperature

A: 非常适用 B: 适用 C: 有限适用 D: 不适用

A: Very Suitable B: Suitable C: Limited Suitable D: No Suitable