

Butterfly valve series

蝶阀系列



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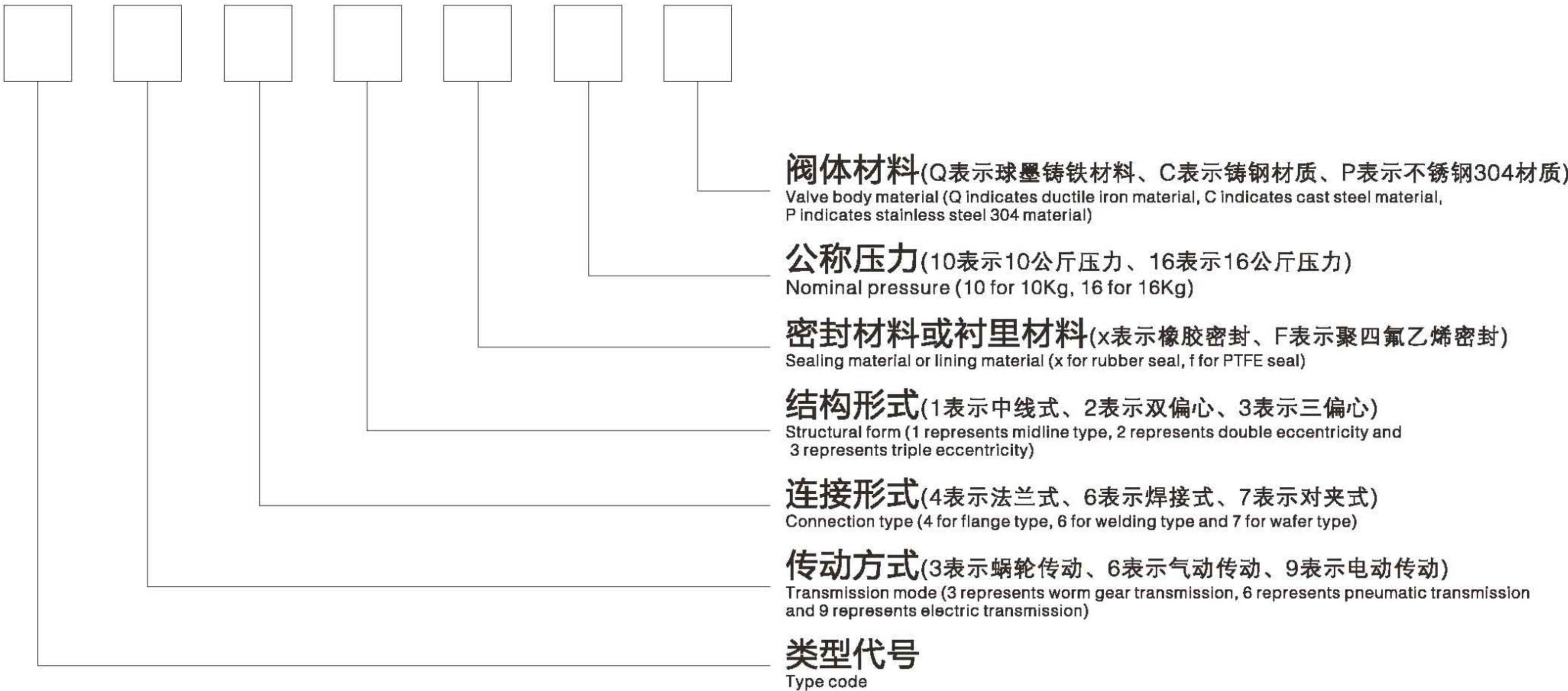
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蝶阀选型指南 Butterfly valve selection guide

阀门代号说明Valve code description

阀门的型号编制由7个单元组成，其含义如下：
The model compilation of valves consists of 7 units, which have the following meanings:



如
D371X-16Q表示：蜗轮蜗杆传动方式的中线对夹式蝶阀，密封材料橡胶，压力16公斤，阀体球墨铸铁材料。
D941F-10P表示：电动传动方式的中线法兰式蝶阀，密封材料聚四氟乙烯，压力10公斤，阀体不锈钢304材料。
As
D371x-16q indicates that the center line wafer butterfly valve of worm gear transmission mode is made of rubber, the pressure is 16KG, and the valve body is made of nodular cast iron.
D941f-10p refers to the center line flange butterfly valve with electric transmission mode. The sealing material is polytetrafluoroethylene, the pressure is 10kg, and the valve body is made of 304 stainless steel.

主要零部件材料及代号Material and code of main parts

阀体 valve body		阀板 Valve plate		转轴 Rotating shaft	衬套 Bushing	阀座 valve seat				
材料名称 Material name	代号 Code	材料名称 Material name	代号 Code	材料名称 Material name	材料名称 Material name	材料名称 Material name	代号 Code	使用温度℃ Service temperature ℃		
灰铸铁 Grey cast iron	Z	灰铸铁 Grey cast iron	B1	不锈钢 Stainless steel	润滑青铜 Lubricated bronze	天然胶 NR Natural rubber	X1	-20~+85℃		
						海帕伦 Haipalen	X2	-23~+121℃		
球墨铸铁 Nodular cast iron	Q	球墨铸铁 Nodular cast iron	B2			乙丙橡胶 EPDM Ethylene propylene rubber	X3	-23~+121℃		
铝青铜 Aluminum bronze	T	铝青铜 Aluminum bronze	B3			氯丁橡胶 Neoprene	X4	-7~+93℃		
						丁腈橡胶 NBR Nitrile rubber	X5	-23~+100℃		
ZG1Cr18Ni9Ti 不锈钢 Stainless steel	P	ZG1Cr18Ni9Ti 不锈钢 Stainless steel	B4			碳钢 Carbon steel	聚四氟乙烯 PTFE	耐磨橡胶 Wear resistant rubber	X6	-10~+100℃
			CF8M 不锈钢 Stainless steel					B5	氟橡胶 VITON Fluororubber	X7
CF8M 不锈钢 Stainless steel	R							硅橡胶 SI Silicon rubber	X8	-50~+180℃
碳钢 Carbon steel	C	碳钢 Carbon steel	B6	耐热乙丙橡胶 Heat resistant ethylene propylene rubber	X9			-23~+135℃		
				CF8M 不锈钢 Stainless steel	B7			聚四氟乙烯 PTFE	F4	+10~150℃

蝶阀、密封面适用介质推荐表

Recommended medium for butterfly valve and sealing surface

蝶阀、密封面适用介质推荐表

Recommended medium for butterfly valve and sealing surface

备注：数据仅供参考
Note: the data is for reference only

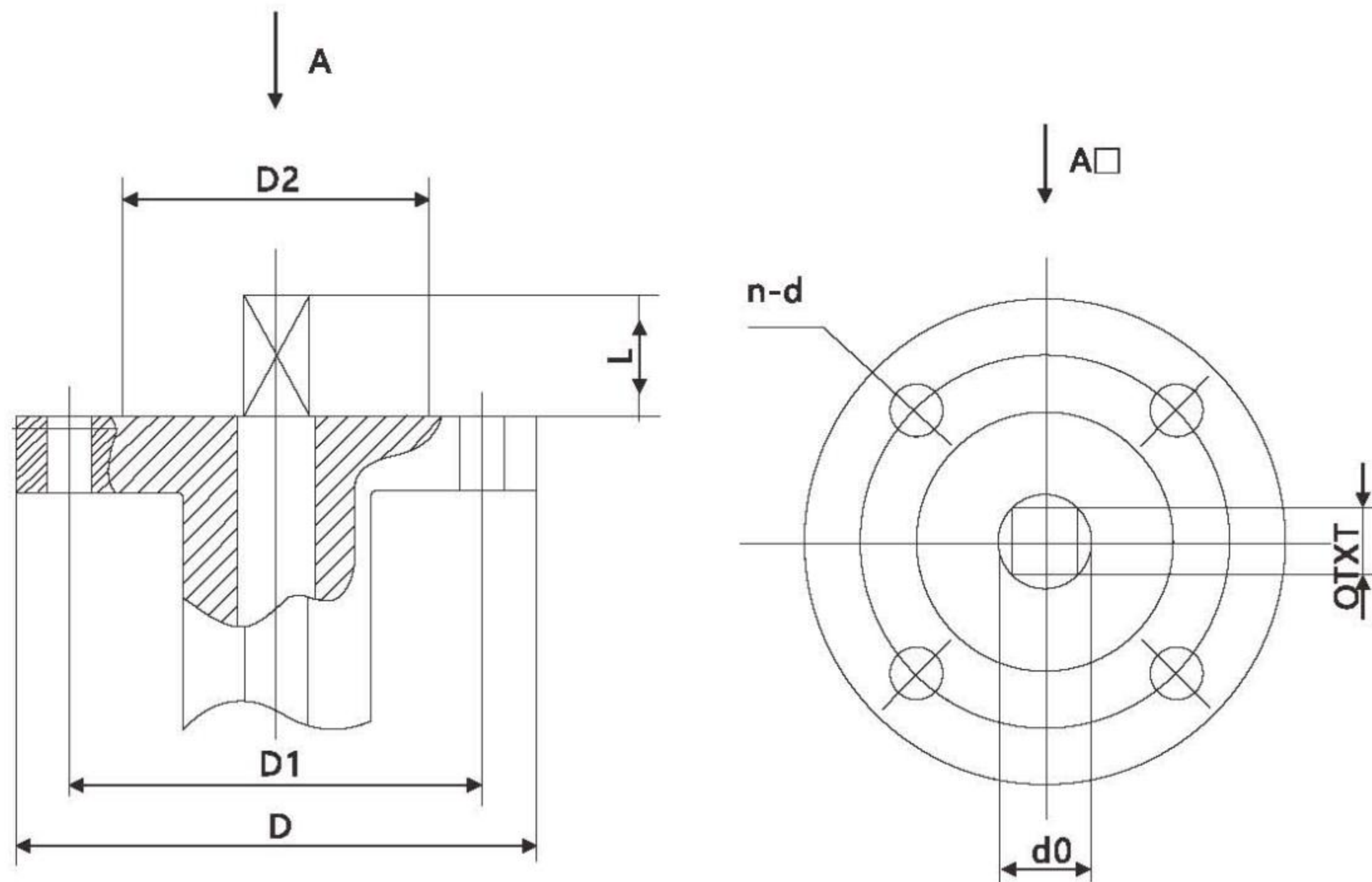
密封材质 Sealing material		适用温度 Applicable temperature														
			淡水 Freshwater	海水 Seawater	盐类 Salt	强碱 Strong alkali	弱碱 Weak alkali	强酸 Strong acid	弱碱 Weak alkali	天然气 Natural gas	醇类 Alcohols	空气 Air	蒸汽 Steam	油类 Oils	食品 Food	突出特点 Prominent features
阀座 Valve seat	丁腈NBR	-20~93℃														耐油 Oil resistance
	三元乙丙EPDM	-20~135℃														耐老化、 耐磨 Aging resistance and wear resistance
	天然橡胶NR	-20~80℃														耐弹性 Elasticity resistance
	氯丁橡胶CR	-40~82℃														耐光、 耐老化 Light and aging resistance
	硅橡胶SI	-65~220℃														耐高温 High temperature resistance
	氟橡胶FPM	-23~204℃														耐腐蚀、 耐高温 Corrosion resistance and high temperature resistance
	聚四氟乙烯PTFE	-10~150℃														耐腐蚀、 耐高温 Corrosion resistance and high temperature resistance
蝶板 Disc	球铁电镀 Nodular iron electroplating	-30~350℃														耐高温 High temperature resistance
	球铁尼龙氟胶 Ductile iron nylon fluororubber	-60~100℃														抗蚀、耐磨、减磨 Corrosion resistance, wear resistance and wear reduction
	球铁四氟覆层 Nodular iron Teflon coating	-30~160℃														耐磨、 耐腐蚀 Wear and corrosion resistance
	球铁氟化聚醚覆层 Nodular iron fluorinated polyether coating	-30~130℃														耐磨、 耐腐蚀 Wear and corrosion resistance
	铝青铜 Aluminum bronze	-273~232℃														耐腐蚀、 耐高温 Corrosion resistance and high temperature resistance
	不锈钢 Stainless steel	-196~425℃														耐腐蚀、 耐高温 Corrosion resistance and high temperature resistance
	碳钢电镀 Carbon steel electroplating	-29~425℃														耐高温 High temperature resistance

备注：①流速大于1.5M/S不适用 ②氢氧化钾不适用
Remarks: ①Flow rate greater than 1.5m/s is not applicable; ②Potassium hydroxide is not applicable

非常适用 Just the thing	适用 Apply	有限适用 Limited application	不适用 Not applicable
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YD-ISO 5211标准上法兰尺寸表(方连接)

Dimension table of standard upper flange (square connection)



规格 Specifications	法兰号D Flange number D	(外圆大小) (Outer circle size)	D1 (眼距) (Eye distance)	D0 (转轴孔) (Shaft hole)	□T*T (缩小方) (Reduced Square)	□T*T (标准方) (Standard square)	n	n φ d
DN40-DN80	F05	65(77)	50	12.7	9*9	11*11	4	7
DN100	F07	90 (92)	70	15.8	11*11	14*14	4	10
DN125-DN150	F07	90 (92)	70	19.05	14*14	17*17	4	10
DN200	F10	125	102	22.2	17*17	22*22	4	12
DN250	F10	125	102	28.6	22*22	27*27	4	12
DN300-350	F10	140	102	31.8	22*22	27*27	4	12
DN300-350	F12	150	125	31.8	22*22	-	4	14
DN400-500	F14	175(197)	140/165	33.34	27*27	36*36	4	18
DN600	F16	210(276)	165	50.7	36*36	46*46	4	22
DN700-800	F25	300	254	63.35	46*46	55*55	8	18

手柄对夹蝶阀
Handle wafer butterfly valve



产品概述Product overview

WD71X、D71X蝶阀启闭件是一个圆盘形的蝶板，在阀体内绕其自身的轴线旋转，从而达到启闭或调节。采用刻度指示盘，不仅可以使蝶板具有自锁能力，使蝶板停止在任意位置上，还能改善阀门的操作性能。广泛使用于给排水、建筑、空调、污水、化工、食品、医药、轻纺等流体管路上作为调节和截流装置使用。

- 1、启闭方便迅速、省力、流体阻力小、操作方便。
- 2、结构简单，低压密封性能好。

WD71X、D71X the butterfly valve opening and closing part is a disc-shaped butterfly plate, which rotates around its own axis in the valve body to achieve opening and closing or adjustment. The use of a scale indicating plate not only enables the butterfly plate to have a self-locking capability, sKESs the butterfly plate at any position, but also improves the valve performance. Widely used in water supply and drainage, construction, air conditioning, sewage, chemical industry, food, medicine, textile and other fluid pipelines as a regulating and intercepting device.

1. Quick and easy opening and closing, labor saving, low fluid resistance and easy operation.
2. The structure is simple, and the low-pressure sealing performance is good.

主要性能参数 Main performance parameters

公称压力 Nominal pressure	1.0Mpa (PN10)、1.6Mpa (PN16)
公称通径 Nominal diameter	DN25-DN200 (25mm-200mm)
适用温度 Applicable temperature	EPDM -20℃ ~ +120℃、NBR -20℃ ~ +93℃、PTFE -10℃ ~ +150℃
适用介质 Applicable media	水、油、气体、液体等 Water, oil, gas, liquid, etc

主要零部件材料 Material Of Main Parts

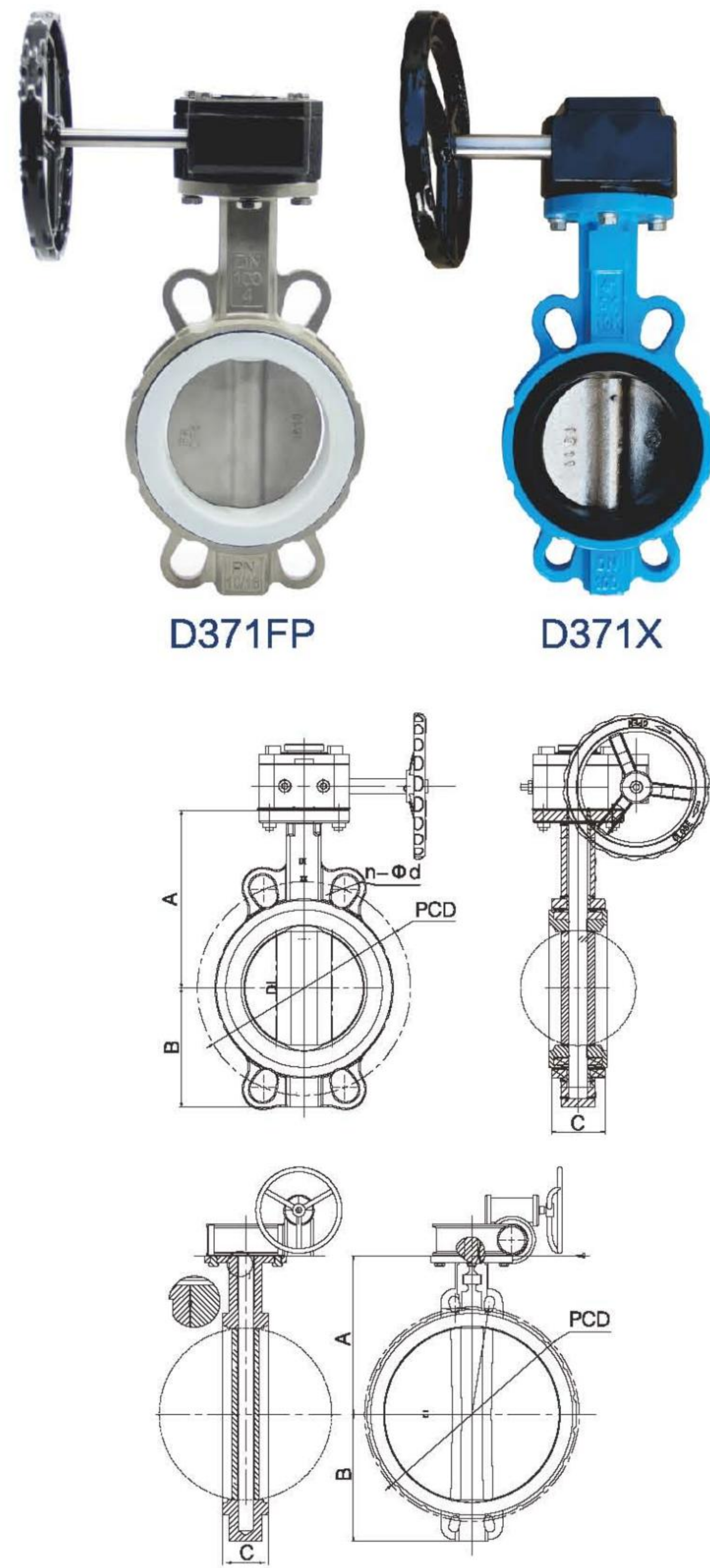
零件名称 Part Name	材料 Material
阀体 Body	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel
阀板 Plate	球墨铸铁、不锈钢、脱硫(1.4529 / 2507)、 铝青铜C954、尼龙、四氟等 Ductile iron, stainless steel, desulfurization (1.4529 / 2507), aluminum bronze C954, nylon, PTFE, etc
阀杆 Stem	Q235、45#、2Cr13、304、316等etc
阀座 Seat	EPDM乙丙橡胶、NBR丁腈橡胶、PTFE 四氟、SI硅胶等 EPDM ethylene propylene rubber, NBR nitrile rubber, PTFE PTFE, Si silica gel, etc

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

单位: mm

公称通径 DN	A	B	C	C1	D	D1	H2	L	PN10		PN16		10K		150LB		开启扭矩 Opening torque N/M
									PCD	n-Φd	PCD	n-Φd	PCD	n-Φd	PCD	n-Φd	
DN50	128	65	43	46	72	87	24	220	125	4-18	125	4-18	120	4-19	121	4-19	18
DN65	135	73	46	49	82	98	24	220	145	4-18	145	4-18	140	4-19	140	4-19	25
DN80	142	82	46	49	99	116	24	220	160	4-18	160	8-18	150	8-19	152	4-19	33
DN100	178	100	52	55	131	150	30	260	180	8-18	180	8-18	175	8-19	191	8-19	49
DN125	190	112	55	59	155	174	30	260	210	8-18	210	8-18	210	8-20	216	8-22	76
DN150	205	129	56	59	184	206	30	260	240	8-22	240	8-22	240	8-23	241	8-22	115
DN200	246	157	60	64	235	258	35	410	295	8-22	295	12-22	290	12-23	299	8-22	186

蜗轮对夹式蝶阀
Worm Gear Wafer Butterfly Valve



产品概述Product overview

D371FP、D371X适用于食品、医药、轻纺、造纸等给排水管道上起调节流量和截流介质的作用。

- 1、启闭方便迅速、省力灵巧、流量阻力小，可以任何位置安装，操作及维修方便。
- 2、结构独特，低压密封性能好。
- 3、密封件可以更换，密封材料耐老化，耐弱腐蚀，使用寿命长。
- 4、可以运送泥浆，在管道口积存液体最少。
- 5、调节、截流和止回性能好。

D371FP、D371X It is suitable for regulating the flow and intercepting medium in water supply and drainage pipes such as food, medicine, textile, paper making, etc.

1. Convenient opening and closing, dexterous labor saving, small flow resistance, can be installed at any position, convenient operation and maintenance.
2. Unique structure and good low-pressure sealing performance.
3. The seal can be replaced, the sealing material is resistant to aging, weak corrosion and long service life.
4. Mud can be transported, and the least liquid is accumulated in the pipe mouth.
5. Good adjustment, shut-off and check performance.

主要性能参数 Main performance parameters

公称压力 Nominal pressure	1.0Mpa (PN10)、1.6Mpa (PN16)
公称通径 Nominal diameter	DN25-DN1200 (25mm-1200mm)
适用温度 Applicable temperature	EPDM -20℃ ~ +120℃、NBR -20℃ ~ +93℃、PTFE -10℃ ~ +150℃
适用介质 Applicable media	水、油、气体、液体等 Water, oil, gas, liquid, etc

主要零部件材料 Material Of Main Parts

零件名称 Part Name	材料 Material
阀体 Body	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel
阀板 Plate	球墨铸铁、不锈钢、脱硫(1.4529 / 2507)、 铝青铜C954、尼龙、四氟等 Ductile iron, stainless steel, desulfurization (1.4529 / 2507), aluminum bronze C954, nylon, PTFE, etc
阀杆 Stem	Q235、45#、2Cr13、304、316等etc
阀座 Seat	EPDM乙丙橡胶、NBR丁腈橡胶、PTFE 四氟、SI硅胶等 EPDM ethylene propylene rubber, NBR nitrile rubber, PTFE PTFE, Si silica gel, etc

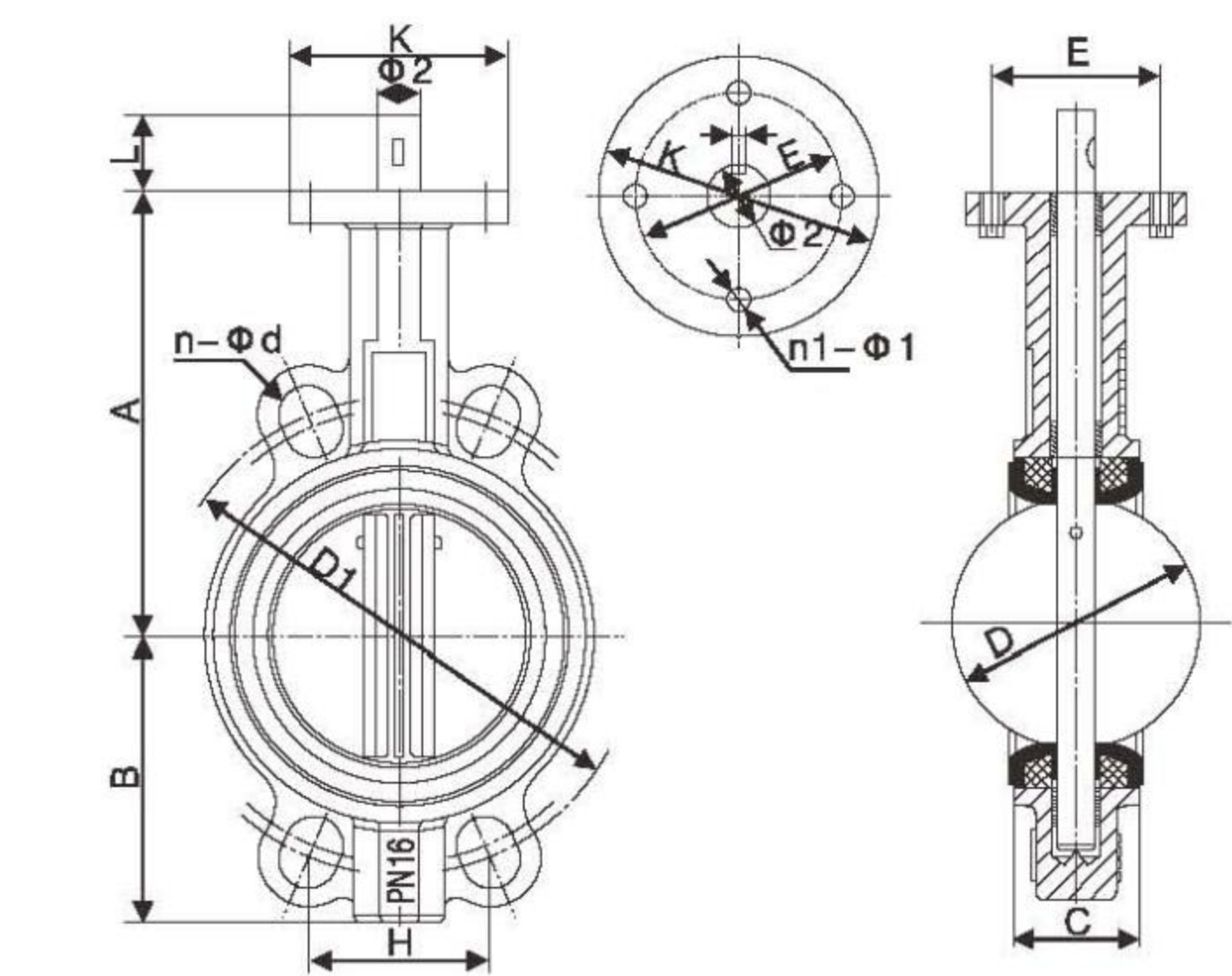
主要外形尺寸和连接尺寸 Main shape size and connection size

单位: mm

公称通径 DN	A	B	C	PN10		PN16		10K		150LB		开启扭矩 Opening torque N/M
				PCD	n-Φd	PCD	n-Φd	PCD	n-Φd	PCD	n-Φd	
DN50	128	65	43	125	4-18	125	4-18	120	4-19	121	4-19	18
DN65	135	73	46	145	4-18	145	4-18	140	4-19	140	4-19	25
DN80	142	82	46	160	8-18	160	8-18	150	8-19	152	4-19	33
DN100	178	100	52	180	8-18	180	8-18	175	8-19	191	8-19	49
DN125	190	112	55	210	8-18	210	8-18	210	8-20	216	8-22	76
DN150	205	129	56	240	8-22	240	8-22	240	8-23	241	8-22	115
DN200	246	157	60	295	8-22	295	12-22	290	12-23	299	8-22	186
DN250	283	195	67	350	12-22	355	12-26	355	12-25	362	12-26	313
DN300	371	229	78	400	12-22	410	12-26	400	16-25	432	12-26	488
DN350	360	266	78	460	16-22	470	16-26	445	16-25	476	12-29	649
DN400	390	298	87/102	515	16-22	525	16-30	510	16-27	540	16-29	1373
DN450	410	315	106/114	565	20-26	585	20-30	656	20-27	578	16-32	1744
DN500	430	348	127/132	620	20-26	650	20-33	620	20-27	635	20-32	1837
DN600	490	400	154	725	20-30	770	20-36	730	24-33	749	20-35	3718
DN700	550	520	163	840	24-30	840	24-36	840	24-33	864	28-35	4581
DN800	610	591	188	950	24-33	950	24-39	950	28-33	978	28-42	6031
DN900	680	660	203	1050	28-33	1050	28-39	1050	28-33	1086	32-42	7360
DN1000	730	670	216	1160	28-36	1170	28-42	1160	28-39	1200	36-42	8926
DN1200	835	780	254	1380	32-39	1390	32-48	1380	32-39	1422	44-42	12554

衬氟对夹蝶阀

Fluorine lined wafer butterfly valve



产品概述Product overview

D371F衬氟对夹蝶阀产品设计新颖、结构简单、启闭迅速，具有体积小、重量轻、阻力小、流通能力大、性能可靠等特点。安装方向不受介质流向的限制，产品适用于硫酸、盐酸和各种有机酸、强酸、强碱及其他腐蚀性气体和液体等。

D371F fluorine lined wafer butterfly valve has the advantages of novel design, simple structure, rapid opening and closing, small volume, light weight, low resistance, large flow capacity and reliable performance. The installation direction is not limited by the medium flow direction. The product is suitable for sulfuric acid, hydrochloric acid, various organic acids, strong acids, strong alkalis and other corrosive gases and liquids.

主要性能参数 Main performance parameters

公称压力 Nominal pressure	1.0Mpa (PN10)、1.6Mpa (PN16)
公称通径 Nominal diameter	DN50–DN800 (50mm–800mm)
适用温度 Applicable temperature	PTFE –10℃~+150℃
适用介质 Applicable media	酸碱类及腐蚀性气体或液体等 Acid base and corrosive gas or liquid, etc

主要零部件材料 Material Of Main Parts

零件名称 Part Name	材料 Material
阀体 Body	球墨铸铁、铸钢、不锈钢等 Ductile iron, cast steel, stainless steel, etc
阀板 Plate	不锈钢、脱硫(1.4529 / 2507)、尼龙、四氟等 Stainless steel, desulfurization (1.4529 / 2507), nylon, PTFE, etc
阀杆 Stem	2Cr13、304、316等etc
阀座 Seat	PTFE 四氟

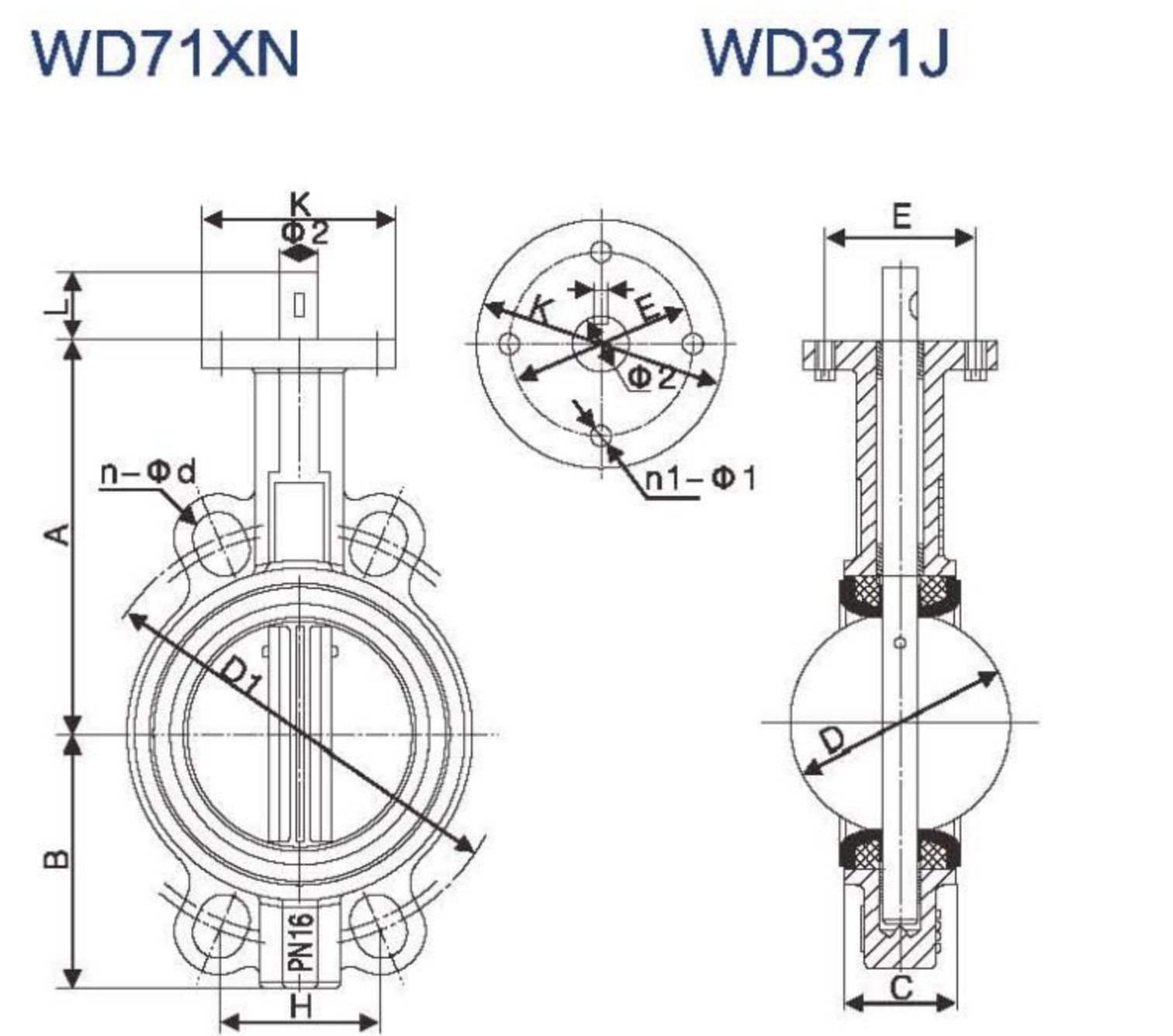
主要外形尺寸和连接尺寸 Main shape size and connection size

单位：mm

公称通径DN Nominal diameter		尺寸(mm) Size												
mm	inch	A	B	C	D	L	H	D1	n-Φd	K	E	n1-Φ1	Φ2	半圆键
50	2"	161	80	42	52.9	32	84.84	125	4-18	77	57.15	4-6.7	12.6	3
65	2.5"	175	89	44.7	64.5	32	96.2	145	4-18	77	57.15	4-6.7	12.6	3
80	3"	181	95	45.2	78.8	32	61.23	160	8-18	77	57.15	4-6.7	12.6	3
100	4"	200	114	52.1	104	32	70.8	180	8-18	92	69.85	4-10.3	15.77	5
125	5"	213	127	54.4	123.3	32	82.28	210	8-18	92	69.85	4-10.3	18.92	5
150	6"	226	139	55.8	155.6	32	91.08	240	8-22	92	69.85	4-10.3	18.92	5
200	8"	260	175	60.6	202.5	45	112.89 76.35	295	8-22/12-22	115	88.9	4-14.3	22.1	5
250	10"	292	203	65.6	250.5	45	92.4	350/355	12-22/12-26	115	88.9	4-14.3	28.45	8
300	12"	337	242	76.9	301.6	45	105.34	400/410	12-22/12-26	140	107.95	4-14.3	31.6	8
350	14"	368	267	76.5	333.3	45	91.11	460/470	16-22/16-26	140	107.95	4-14.3	31.6	8
400	16"	400	309	86.5	389.6	51.2 72	100.47 102.42	515/525	16-22/16-30	197	158.75	4-20.6	33.15	10
450	18"	422	328	105.6	440.51	51.2 72	88.39 91.51	565/585	20-26/20-30	197	158.75	4-20.6	38	10
500	20"	480	361	131.8	491.6	64.2 82	96.99 101.68	620/650	20-26/20-33	197	158.75	4-20.6	41.15	10
600	24"	562	459	152	592.5	70.2 82	113.42 120.46	725/770	20-30/20-36	276	215.9	4-22.2	50.65	16
700	28"	624	520	163	695	66 82	109.65	840	24-30/24-26	300	254	8-18.0	55 63.35	16
800	32"	672	591	188	794.7	66 82	124	950	24-33/24-39	300	254	8-18.0	55 63.35	16

无销衬胶、尼龙对夹蝶阀

Non pin rubber lined and nylon wafer butterfly valve



产品概述Product overview

WD71XN、D371J衬胶、尼龙对夹蝶阀产品采用无销连接技术，阀板整体包覆橡胶或尼龙，保证介质与金属完全隔离，耐磨性好，延长使用寿命。安装方向不受介质流向的限制，产品适用于海水、污水、油品、弱酸、碱、盐及有机化合物等。

WD71XN、D371J rubber lined and nylon wafer butterfly valve adopts pin less connection technology, and the valve plate is coated with rubber or nylon to ensure complete isolation between medium and metal, good wear resistance and prolong service life. The installation direction is not limited by the flow direction of media. The products are suitable for seawater, sewage, oil products, weak acids, alkalis, salts and organic compounds.

主要性能参数 Main performance parameters

公称压力 Nominal pressure	1.0Mpa (PN10)、1.6Mpa (PN16)
公称通径 Nominal diameter	DN50–DN800 (50mm–800mm)
适用温度 Applicable temperature	EPDM –20℃ ~ +120℃、NBR –20℃ ~ +93℃、 PTFE –10℃ ~ +150℃
适用介质 Applicable media	海水、污水、油、酸碱盐类气体或液体等 Sea water, sewage, oil, acid-base salt gas or liquid, etc

主要零部件材料 Material Of Main Parts

零件名称 Part Name	材料 Material
阀体 Body	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel
阀板 Plate	球墨铸铁包覆橡胶、尼龙、四氟等 Nodular cast iron coated with rubber, nylon, PTFE, etc
阀杆 Stem	2Cr13、304、316等etc
阀座 Seat	EPDM乙丙橡胶、NBRT腈橡胶、PTFE 四氟、硅胶等

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

单位：mm

公称通径DN Nominal diameter		尺寸(mm) Size												
mm	inch	A	B	C	D	L	H	D1	n-Φd	K	E	n1-Φ1	Φ2	半圆键
50	2"	161	80	42	52.9	32	84.84	125	4-18	77	57.15	4-6.7	12.6	3
65	2.5"	175	89	44.7	64.5	32	96.2	145	4-18	77	57.15	4-6.7	12.6	3
80	3"	181	95	45.2	78.8	32	61.23	160	8-18	77	57.15	4-6.7	12.6	3
100	4"	200	114	52.1	104	32	70.8	180	8-18	92	69.85	4-10.3	15.77	5
125	5"	213	127	54.4	123.3	32	82.28	210	8-18	92	69.85	4-10.3	18.92	5
150	6"	226	139	55.8	155.6	32	91.08	240	8-22	92	69.85	4-10.3	18.92	5
200	8"	260	175	60.6	202.5	45	112.89 76.35	295	8-22/12-22	115	88.9	4-14.3	22.1	5
250	10"	292	203	65.6	250.5	45	92.4	350/355	12-22/12-26	115	88.9	4-14.3	28.45	8
300	12"	337	242	76.9	301.6	45	105.34	400/410	12-22/12-26	140	107.95	4-14.3	31.6	8
350	14"	368	267	76.5	333.3	45	91.11	460/470	16-22/16-26	140	107.95	4-14.3	31.6	8
400	16"	400	309	86.5	389.6	51.2 72	100.47 102.42	515/525	16-22/16-30	197	158.75	4-20.6	33.15	10
450	18"	422	328	105.6	440.51	51.2 72	88.39 91.51	565/585	20-26/20-30	197	158.75	4-20.6	38	10
500	20"	480	361	131.8	491.6	64.2 82	96.99 101.68	620/650	20-26/20-33	197	158.75	4-20.6	41.15	10
600	24"	562	459	152	592.5	70.2 82	113.42 120.46	725/770	20-30/20-36	276	215.9	4-22.2	50.65	16
700	28"	624	520	163	695	66 82	109.65	840	24-30/24-26	300	254	8-18.0	55 63.35	16
800	32"	672	591	188	794.7	66 82	124	950	24-33/24-39	300	254	8-18.0	55 63.35	16

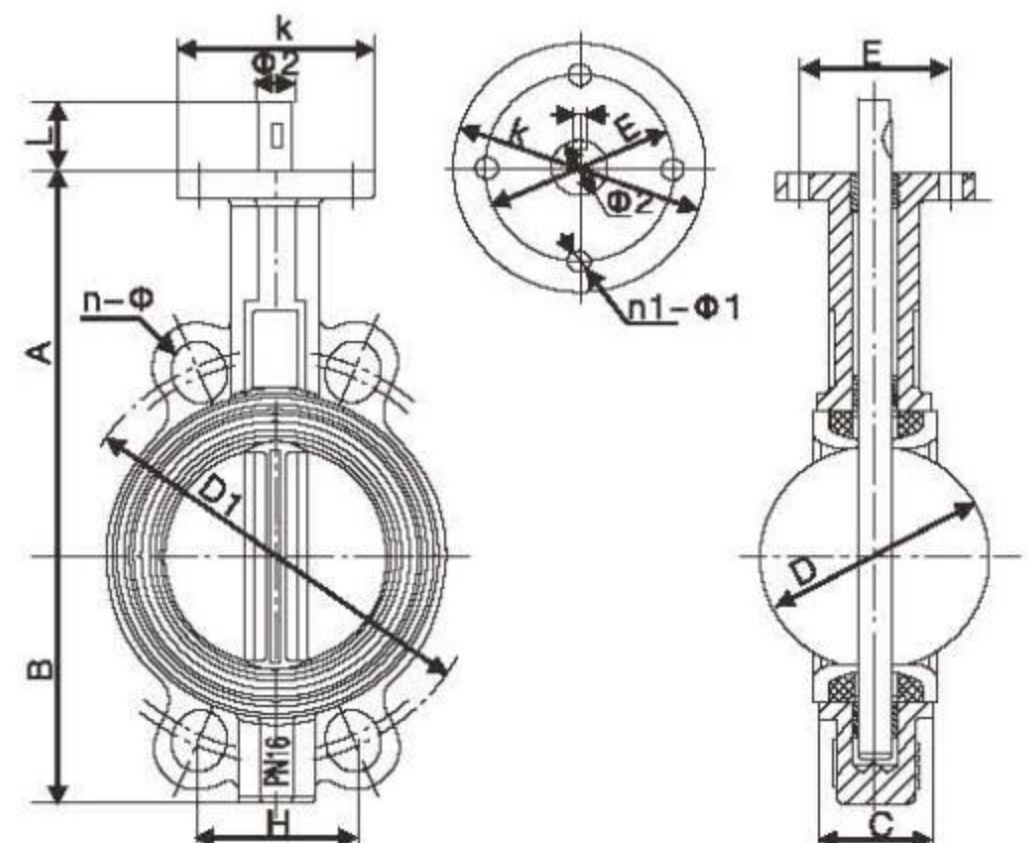
无销脱硫蝶阀

Non pin desulfurization butterfly valve

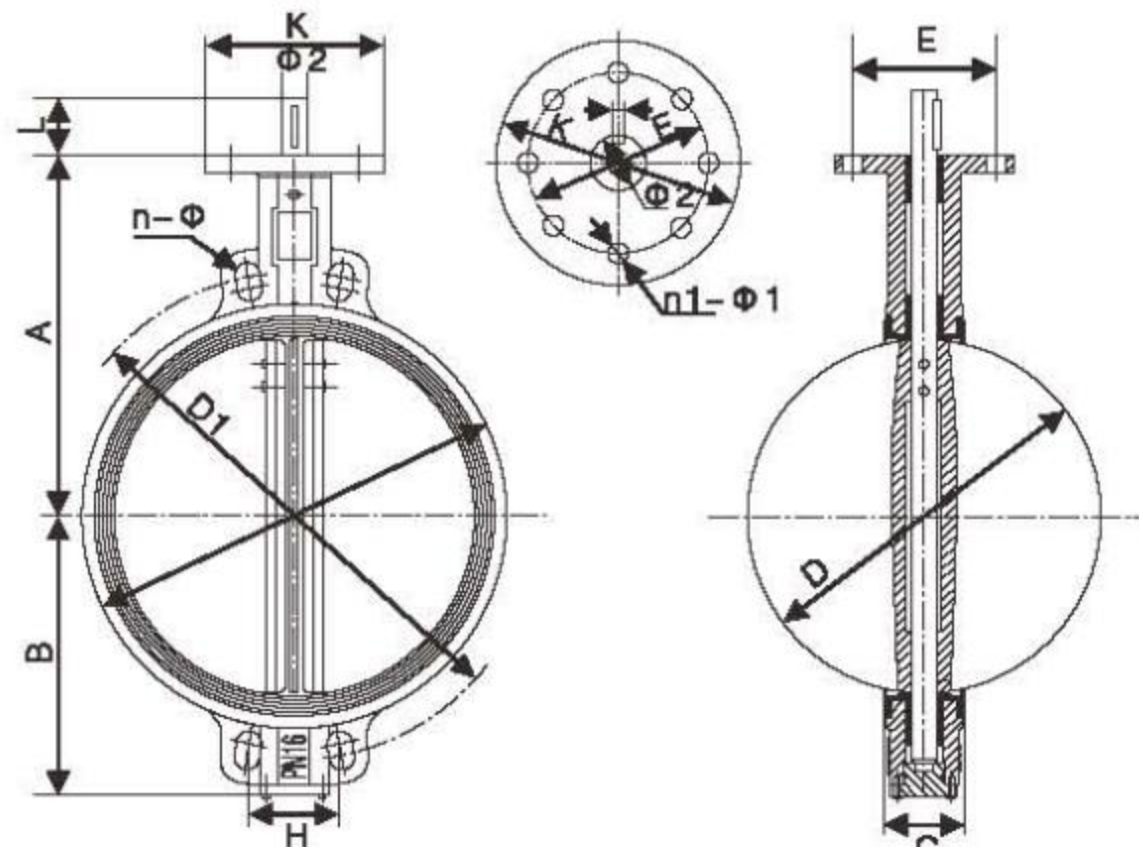


WD71X

WD371X



DN50(2")~DN600(24")



DN700(28")~DN1200(48")

产品概述Product overview

WD71X、WD371X脱硫对夹蝶阀是用圆盘式启闭件往复回转90度左右来开启、关闭和调节流体通道的一种阀门。脱硫蝶阀不仅结构简单、体积小、重量轻、材料耗用省，安装尺寸小，而且驱动力矩小，操作简便、耐磨、耐腐蚀等特性。采用无销连接技术，保证介质与阀体完全隔离，延长使用寿命。安装方向不受介质流向的限制，产品广泛用于水电、石油、能源、化工、环保、冶炼、医药、轻纺、造纸的脱硫脱销管路中。

WD71X、WD371X Desulfurization wafer butterfly valve is a kind of valve that uses disc hoist to rotate back and forth about 90 degrees to open, close and adjust fluid channel. Desulfurization butterfly valve has the characteristics of simple structure, small volume, light weight, low material consumption, small installation size, small driving torque, simple operation, wear resistance and corrosion resistance. Pin less connection technology is adopted to ensure complete isolation between medium and valve body and prolong service life. The installation direction is not limited by the flow direction of media. The products are widely used in desulfurization and out of sales pipelines of hydropower, petroleum, energy, chemical industry, environmental protection, smelting, medicine, light textile and papermaking.

主要性能参数 Main performance parameters

公称压力 Nominal pressure	1.0Mpa (PN10) 、1.6Mpa (PN16)
公称通径 Nominal diameter	DN50–DN1200 (50mm–1200mm)
适用温度 Applicable temperature	EPDM –20℃~+120℃、NBR –20℃~+93℃、PTFE –10℃~+150℃
适用介质 Applicable media	So ₂ 二氧化硫、烟气等含硫介质 So ₂ sulfur dioxide, flue gas and other sulfur-containing media

主要零部件材料 Material Of Main Parts

零件名称 Part Name	材料 Material
阀体 Body	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel
阀板 Plate	1.4529、2507等etc
阀杆 Stem	2Cr13、304、316、1.4529、2507等etc
阀座 Seat	EPDM 德乙丙橡胶、其他耐磨橡胶等 EPDM ethylene propylene rubber, other wear-resistant rubber, etc

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

单位: mm

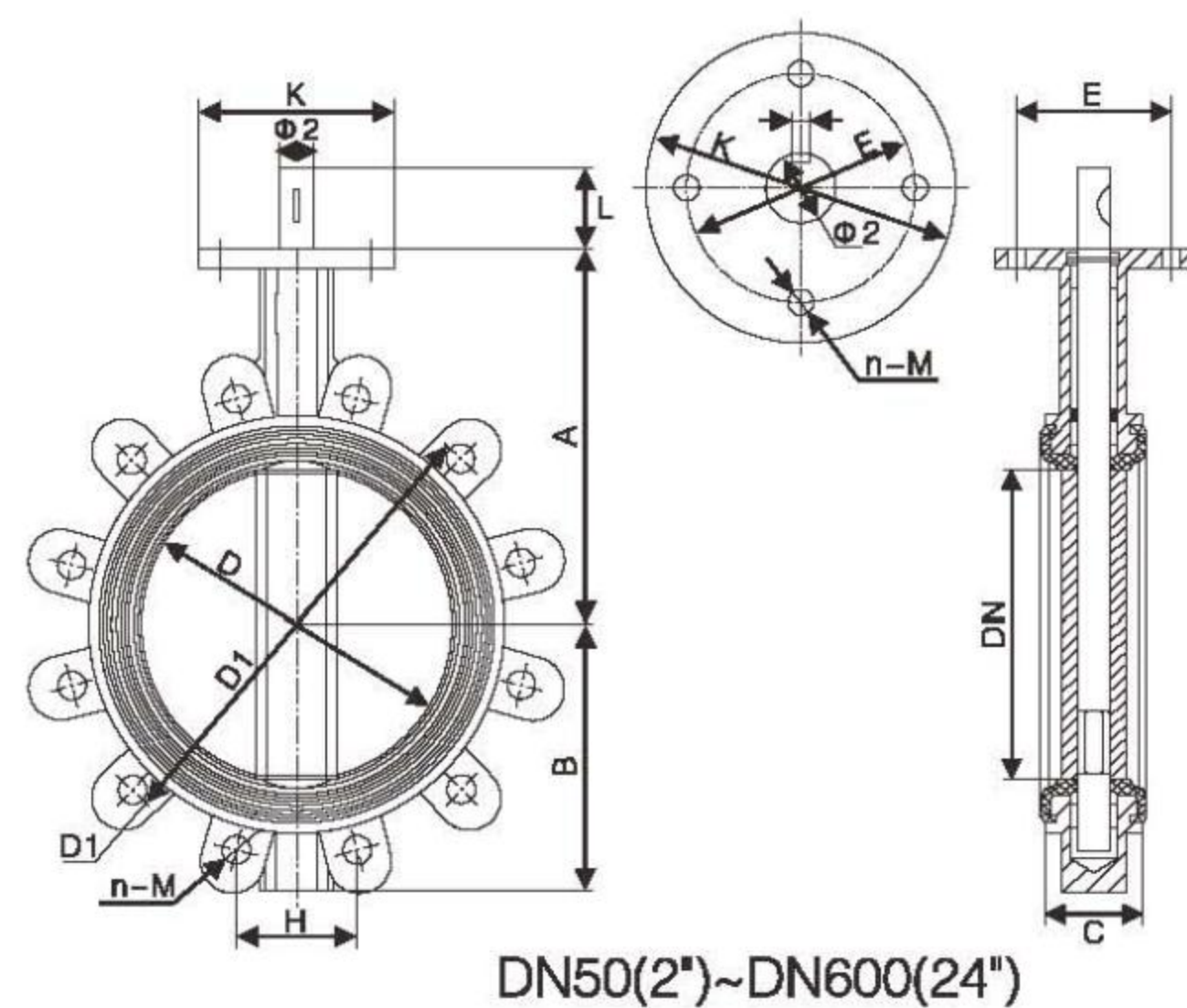
公称通径DN mm		尺寸(mm)													
mm	inch	A	B	C	D	L	H	D1	n-Φ	K	E	n1-Φ1	Φ2	半圆键	
50	2"	161	80	42	52.9	32	84.84	125	4-18	77	57.15	4-6.7	12.6	3	
65	2.5"	175	89	44.7	64.5	32	96.2	145	4-18	77	57.15	4-6.7	12.6	3	
80	3"	181	95	45.2	78.8	32	61.23	160	8-18	77	57.15	4-6.7	12.6	3	
100	4"	200	114	52.1	104	32	70.8	180	8-18	92	69.85	4-10.3	15.77	5	
125	5"	213	127	54.4	123.3	32	82.28	210	8-18	92	69.85	4-10.3	18.92	5	
150	6"	226	139	55.8	155.6	32	91.08	240	8-22	92	69.85	4-10.3	18.92	5	
200	8"	260	175	60.6	202.5	45	112.89 76.35	295	8-22/12-22	115	88.9	4-14.3	22.1	5	
250	10"	292	203	65.6	250.5	45	92.4	350/355	12-22/12-26	115	88.9	4-14.3	28.45	8	
300	12"	337	242	76.9	301.6	45	105.34	400/410	12-22/12-26	140	107.95	4-14.3	31.6	8	
350	14"	368	267	76.5	333.3	45	91.11	460/470	16-22/16-26	140	107.95	4-14.3	31.6	8	
400	16"	400	309	86.5	389.6		51.2 72	100.47 102.42	16-22/16-30	197	158.75	4-20.6	33.15	10	
450	18"	422	328	105.6	440.51		51.2 72	88.39 91.51	20-26/20-30	197	158.75	4-20.6	38	10	
500	20"	480	361	131.8	491.6		64.2 82	96.99 101.68	20-26/20-33	197	158.75	4-20.6	41.15	10	
600	24"	562	459	152	592.5		70.2 82	113.42 120.46	20-30/20-36	276	215.9	4-22.2	50.65	16	
700	28"	624	520	163	695		66 82	109.65	24-30/24-26	300	254	8-18.0	55 63.35	16	
800	32"	672	591	188	794.7		66 82	124	24-33/24-39	300	254	8-18.0	55 63.35	16	
900	36"	720	656	203	864.7	118	117.57	1050	28-33/28-39	300	254	8-18.0	75	20	
1000	40"	800	721	216	965	142	129.89	1160/1170	28-36/28-42	300	254	8-18.0	85	22	
1200	48"	900	780	254	1020	180	141.33	1380/1390	32-39/32-48	300	254	8-18.0	95	25	

美标150LB凸耳式LT型蝶阀

American Standard 150Lb lug LT butterfly valve



LTD71X



DN50(2")~DN600(24")

产品概述Product overview

LTD71X凸耳式蝶阀驱动方式可选手动、蜗轮、气动、电动，结构形式为中线式，密封结构为软密封，其结构简单、体积小、重量轻，只由少数几个零件组成。而且只需旋转90°即可快速启闭，操作简单，同时该阀门具有良好的流体控制特性。蝶阀处于完全开启位置时，蝶板厚度是介质流经阀体时唯一的阻力，因此通过该阀门所产生的压力降很小，故具有较好的流量控制特性。产品广泛用于水处理、船舶、化工、石化、冶炼、医药、食品行业的管路上作调节和截流使用。

LTD71X The driving mode of LT lug butterfly valve can be manual, worm gear, pneumatic and electric. The structural form is midline type, and the sealing structure is soft sealing. It has the advantages of simple structure, small volume and light weight, and is only composed of a few parts. Moreover, it can be opened and closed quickly by rotating 90°, which is simple to operate. At the same time, the valve has good fluid control characteristics. When the butterfly valve is in the fully open position, the thickness of the butterfly plate is the only resistance when the medium flows through the valve body. Therefore, the pressure drop generated through the valve is very small, so it has good flow control characteristics. The products are widely used for regulation and closure of pipelines in water treatment, shipbuilding, chemical industry, petrochemical, smelting, medicine and food industries.

主要性能参数 Main performance parameters

公称压力 Nominal pressure	1.0Mpa (PN10) 、1.6Mpa (PN16) 、150LB
公称通径 Nominal diameter	DN50–DN1200 (50mm–1200mm)
适用温度 Applicable temperature	EPDM –20℃~+120℃、NBR –20℃~+93℃、PTFE –10℃~+150℃
适用介质 Applicable media	水、油、气体、液体等 Water, oil, gas, liquid, etc

主要零部件材料 Material Of Main Parts

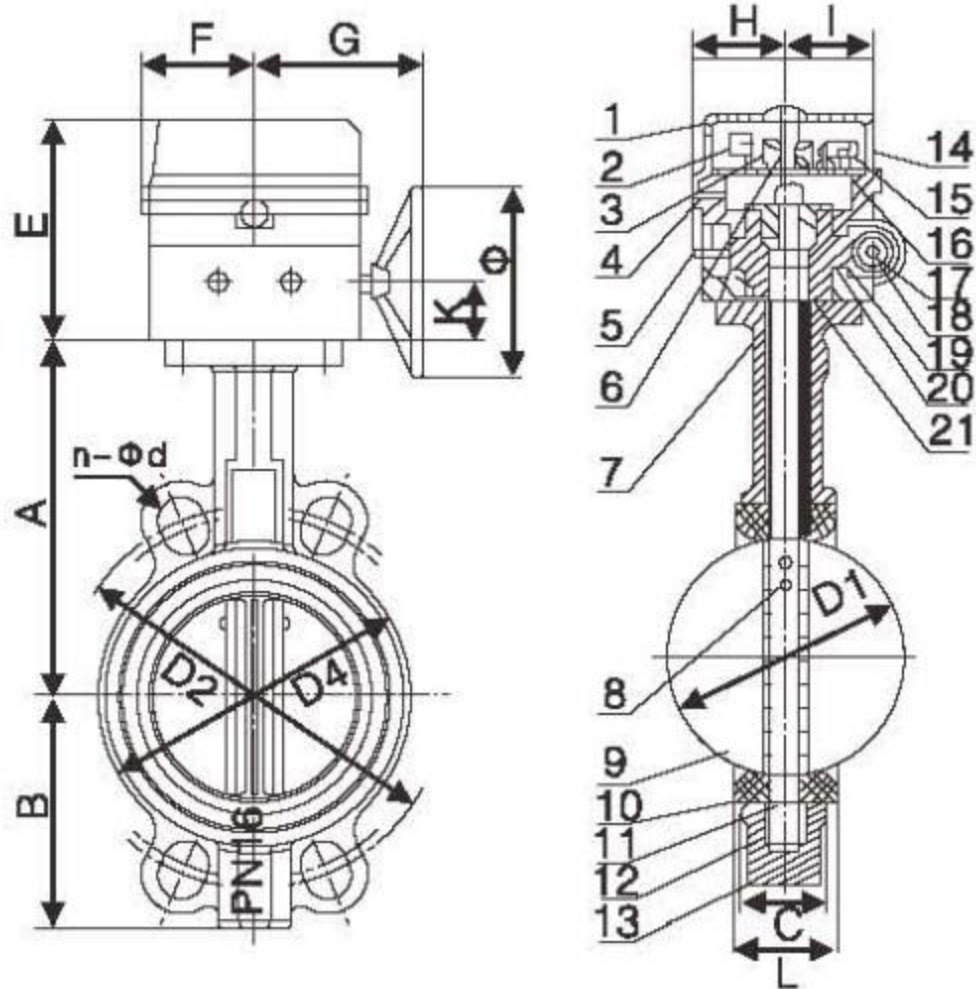
零件名称 Part Name	材料 Material
阀体 Body	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel
阀板 Plate	球墨铸铁、不锈钢、铝青铜C954、衬胶、尼龙、四氟等 Ductile iron, stainless steel, aluminum bronze C954, rubber lining, nylon, PTFE, etc
阀杆 Stem	Q235、45#、2Cr13、304、316等etc
阀座 Seat	EPDM乙丙橡胶、NBR丁腈橡胶、PTFE四氟、硅胶等 EPDM ethylene propylene rubber, NBR nitrile rubber, PTFE PTFE, Si silica gel, etc

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

单位: mm

公称通径DN Nominal diameter	C	D	PN1.0		PN1.6		150Lb		10K		D3 Flange No.
			D1	n-M	D1	n-M	D1	n-M	D1	n-M	
50	42	52.9	125	4-M16	125	4-M16	120.6	4-5/8"	120	4-M16	F05
65	44.7	64.5	145	4-M16	145	4-M16	139.7	4-5/8"	140	4-M16	F05
80	45.2	78.8	160	8-M16	160	8-M16	152.4	4-5/8"	150	8-M16	F05
100	52.1	104	180	8-M16	180	8-M16	190.5	8-5/8"	175	8-M16	F07
125	54.4	123.3	210	8-M16	210	8-M16	215.9	8-3/4"	210	8-M20	F07
150	55.8	155.6	240	8-M20	240	8-M20	241.3	8-3/4"	240	8-M20	F07
200	60.6	202.5	295	8-M20	295	12-M20	298.5	8-3/4"	290	12-M20	F10
250	65.6	250.5	350	12-M20	355	12-M24	362	12-7/8"	355	12-M22	F10
300	77	301.6	400	12-M20	410	12-M24	432	12-7/8"	400	16-M22	F10/12
350	76.5	333.3	460	16-M20	470	16-M24	476	12-1"	445	16-M22	F10/12
400	86.5	389.6	515	16-M24	525	16-M27	540	16-1"	510	16-M24	F14/16
450	105.6	440.5	566	20-M24	585	20-M27	578	16-1 1/8"	565	20-M24	F14/16
500	132	491.6	620	20-M24	650	20-M30	635	20-1 1/8"	620	20-M24	F14/16
600	152	592.5	725	20-M27	770	20-M33	749.5	20-1 1/4"	730	24-M30	F16
700	163	695	840	24-M27	840	24-M33	864	28-1 1/4"	840	24-M30	F25
800	188	794.7	950	24-M30	950	24-M36	978	28-1 1/2"	950	28-M30	F25
900	203	864.7	1050	28-M30	1050	28-M36	1086	32-1 1/2"	1050	28-M30	F25
1000	216	965	1160	28-M33	1170	28-M36	1200	36-1 1/2"	1160	28-M36	F25
1200	276	1158	1380	32-M36	1390	28-M39	1422	44-1 1/2"	1380	32-M36	F30

消防信号对夹蝶阀
Fire signal wafer butterfly valve



产品概述 Product Overview

XD371X信号蝶阀结构简单、启闭迅速、操作扭矩小，省力轻巧、密封性能好，可达到零泄漏，启闭试验次数多达数万次，使用寿命长。产品广泛用于石油、化工、食品、医药、造纸、水电、船舶、给排水、冶炼、能源等系统管路上。特别广泛适用于高层建筑消防系统管路上。

XD371X signal butterfly valve has the advantages of simple structure, rapid opening and closing, small operating torque, labor-saving and light, good sealing performance, zero leakage, tens of thousands of opening and closing tests and long service life. The products are widely used in petroleum, chemical industry, food, medicine, papermaking, hydropower, ships, water supply and drainage, smelting, energy and other system pipelines. It is especially widely used in the pipeline of fire protection system of high-rise buildings.

工作原理 Working principle

信号蝶阀由蜗轮蜗杆传动装置驱动轴及蝶板旋转实现启闭和控制流量。内部设置微动开关有两种型式：

- 1、在传动装置箱体内设有开向、关向两个微动开关，分别在阀门全开和关闭时动作，接通控制室“阀开”“阀关”指示灯电源，使之准确显示阀门开关状态。
- 2、在传动装置箱体内只设关向微动开关（蝶板全关闭位置0°）。当蝶板由0~40°位置时微动开关动作，输出阀门关闭信号，40~90°位置时另一对常闭触点可输出阀门打开信号。可调整压触微动开关的凸轮，显示蝶板所处的不同位置。

The signal butterfly valve is opened, closed and controlled by the rotation of the drive shaft and butterfly plate of the worm gear transmission device. There are two types of microswitches set internally:

1. Two microswitches in the opening and closing directions are set in the transmission device box, which act respectively when the valve is fully opened and closed, and connect the power supply of "valve on" and "valve off" indicator lights in the control room to accurately display the valve switching state.
2. Only the closing microswitch (butterfly plate fully closed position 0°) is set in the transmission device box. When the butterfly plate is at the position of 0~40°, the microswitch acts and outputs the valve closing signal. At the position of 40~90°, the other pair of normally closed contacts can output the valve opening signal. The cam pressing the microswitch can be adjusted to display the different positions of the butterfly plate.

主要性能参数 Main Performance Parameters

公称通径 Nominal Diameter	公称压力 Nominal Pressure	工作温度(°C) Working Temperature
DN40~300mm	1.0/1.6MPa	-10°C~80°C
密封压力 Sealing pressure	阀体耐压 Valve pressure	适用介质 Applicable Medium
1.1倍公称压力 1.1 times the nominal pressure	1.5倍公称压力 1.5 times the nominal pressure	水、油、气 Water, oil, and gas

主要零部件材料 Material Of Main Parts

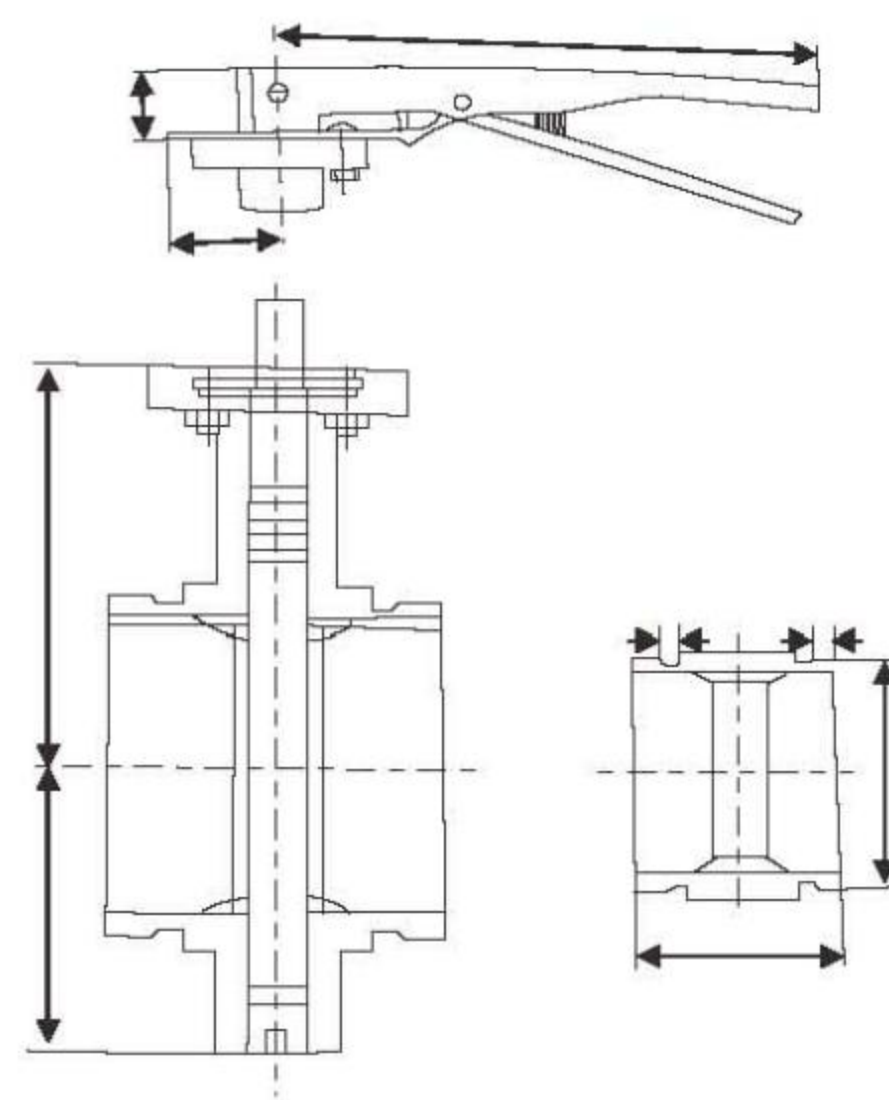
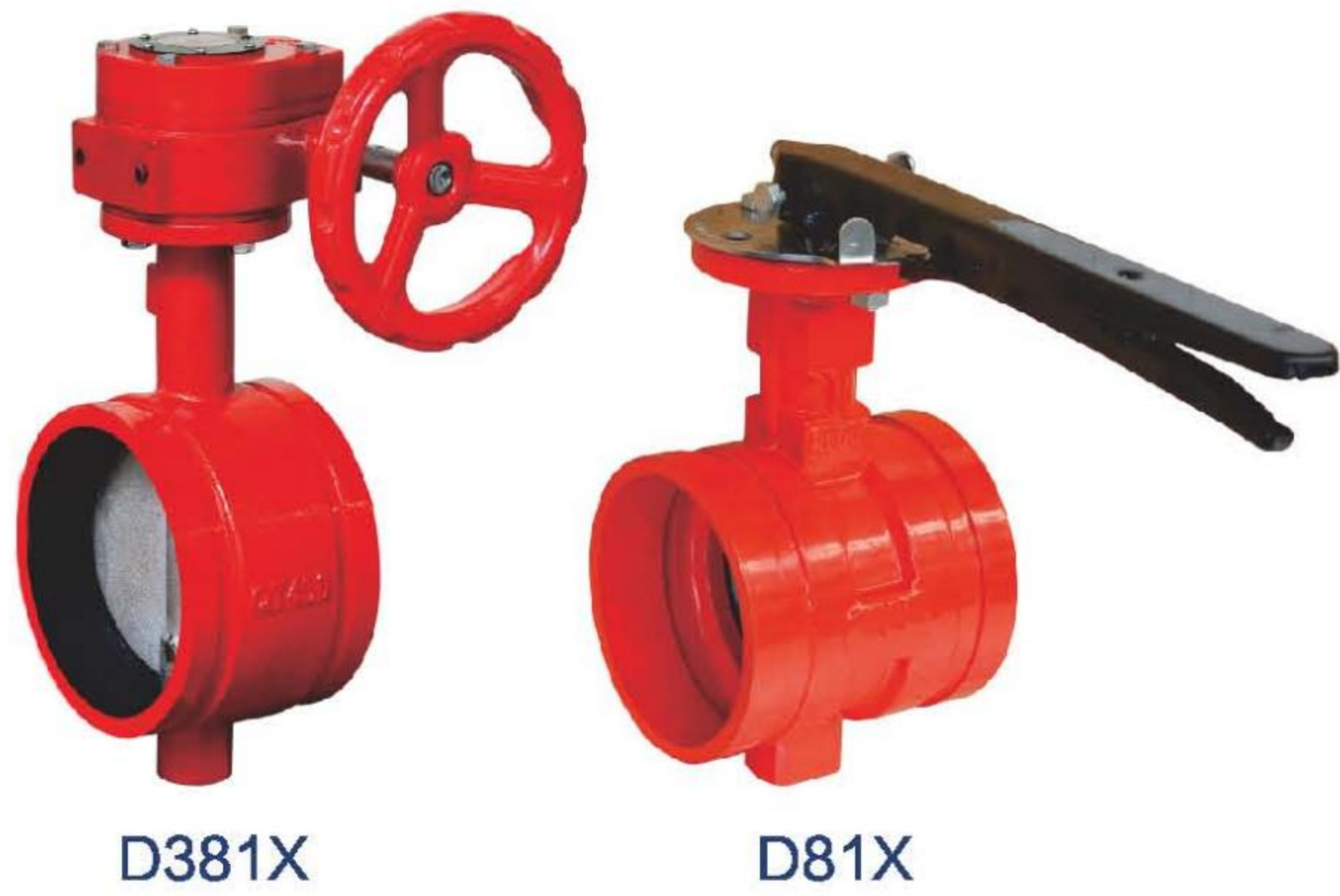
序号 No.	零件名称 Part Name	序号 No.	零件名称 Part Name
1	开度指示 Opening indication	12	轴套 Axle sleeve
2	接线端子 Terminal block	13	阀体 Valve body
3	开向凹轮 Open concave wheel	14	箱罩 Box cover
4	出线口 Outlet	15	开向微动开关 Open microswitch
5	限位螺钉 Limit screw	16	关向微动开关 Close microswitch
6	关向凸轮 Closing cam	17	涡轮轴 Turbine shaft
7	"口"型圈 "Mouth" ring	18	蜗杆 Worm
8	圆锥销 Taper pin	19	蜗轮 Worm gear
9	蝶板 Disc	20	箱体 Box
10	阀座密封圈 Valve seat sealing ring	21	半圆键 Semicircular key
11	转轴 Rotating shaft		

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

单位：mm

公称通径DN Nominal diameter		A	B	C	D1	D2	n-Φd	D4	E	F	G	H	I	K	L	Φ	α
mm	Inch																
40	1 1/2"	75	128	33	42.8	-	-	91	150	60	103	75	41	35	45	150	45
50	2"		129	43	53.1	125	4~18	96.3	150	60	103	75	41	35	45	150	45
65	2 1/2"		136	46	64.75	145	4~18	110	150	60	103	75	41	35	46.7	150	45
80	3"		154	46	79.1	160	8~18	126.1	150	60	103	75	41	35	49	150	22.5/45
100	4"		171	52	104.6	180	8~18	160	150	60	103	75	41	35	54.7	150	22.5
125	5"		193	56	123.8	210	8~18	184	150	60	103	75	41	35	58	150	22.5
150	6"		209	56	156.3	240	8~22	214.4	150	60	103	75	41	35	58.6	150	22.5
200	8"		251	60	203.1	295	8~22/12~22	269	150	60	127	75	41	35	63.4	150	15/22.5
250	10"		281	68	251.1	350/355	12~22/12~26	326	150	60	127	85	63	40	70	200	15
300	12"		316	78	302.2	400/410	12~22/12~26	385	150	60	127	85	63	40	79.5	200	11.5/15

消防沟槽蝶阀
Fire groove butterfly valve



产品概述 Product Overview

D381X、D81X沟槽式(卡箍)连接阀门是引进美国与德国同类先进产品而设计制造的一系列新型连接阀门。它具有安装快速、简易、安全、可靠、不受安装场地限制、便于管道与阀门的维修保养，有隔振隔音与一定的角度范围内有克服管道连接不同轴而产生仿差，解决温差所产生热胀冷缩等优点。

广泛应用于输送流体管道的给排水，消防、空调、燃气、石油、化工、水处理、市政、造船等管道工程作为控制流体作用。

D381X、D81X Trench (clamp) connected to the valve is the introduction of the United States and Germany similar advanced products and the design and manufacture of a series of new connection valve. It has fast installation, simple, safe, reliable, and without installation site constraints, so that pipeline and valve repair and maintenance, a vibration noise and certain angle range have overcome the pipeline connecting different axis and limitation, solve the temperature generated advantages such as thermal expansion and contraction.

Widely used in conveying fluid drainage pipes, fire, air, gas, petroleum, chemical industry, water treatment, municipal, shipbuilding and other pipeline projects as a control fluid.

主要性能参数 Main Performance Parameters

公称压力 Nominal pressure		1.0	1.6
试验压力 Test pressure	壳体强度 Shell strength	1.5	2.4
	密封性能 Sealing performance	1.1	1.76
适用介质 Suitable medium	产品类型 Product types	铸铁、球墨铸铁 Cast iron, ductile cast iron	
	适用介质 Suitable medium	水、水蒸汽、油品、空气 Water, steam, oil, air	

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

单位：mm

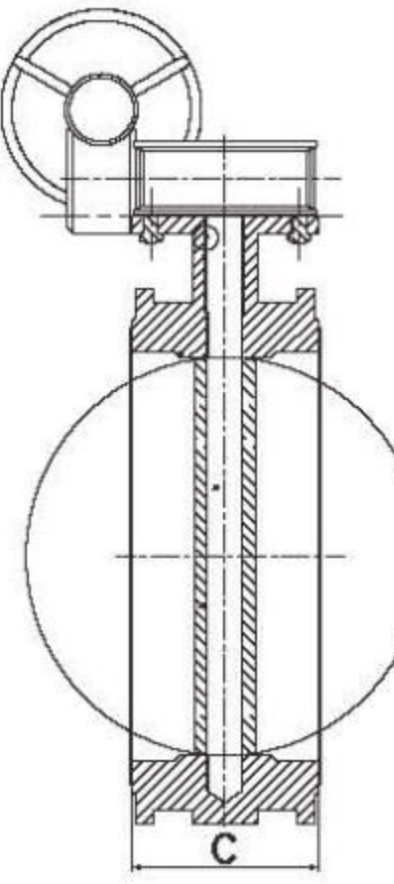
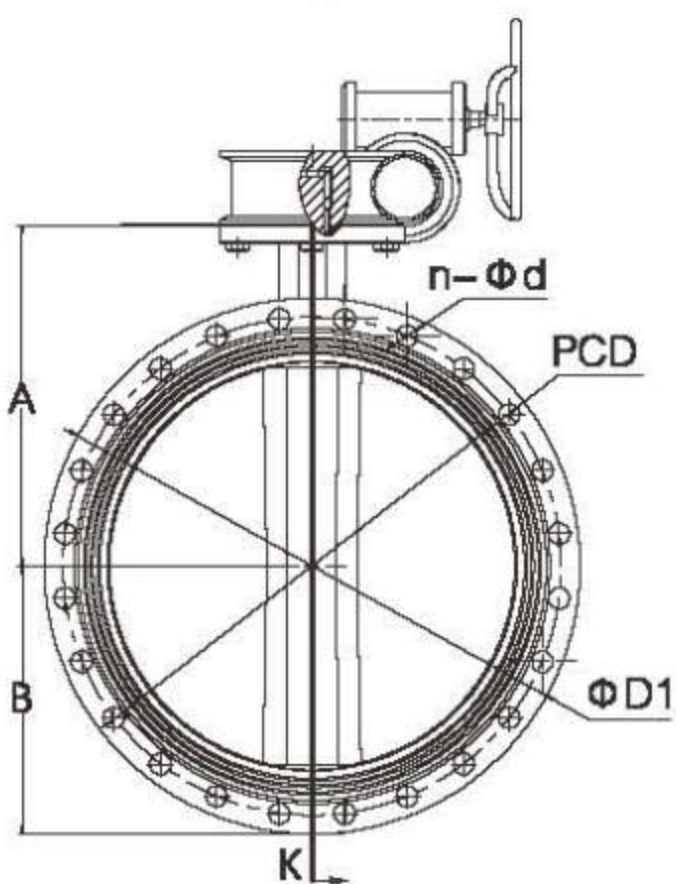
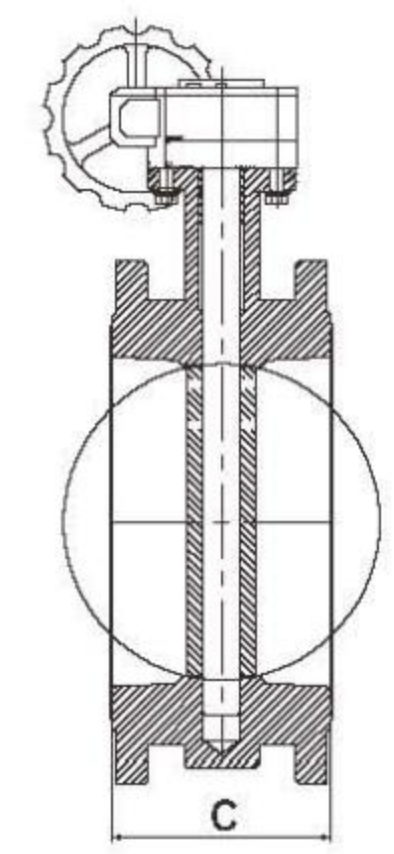
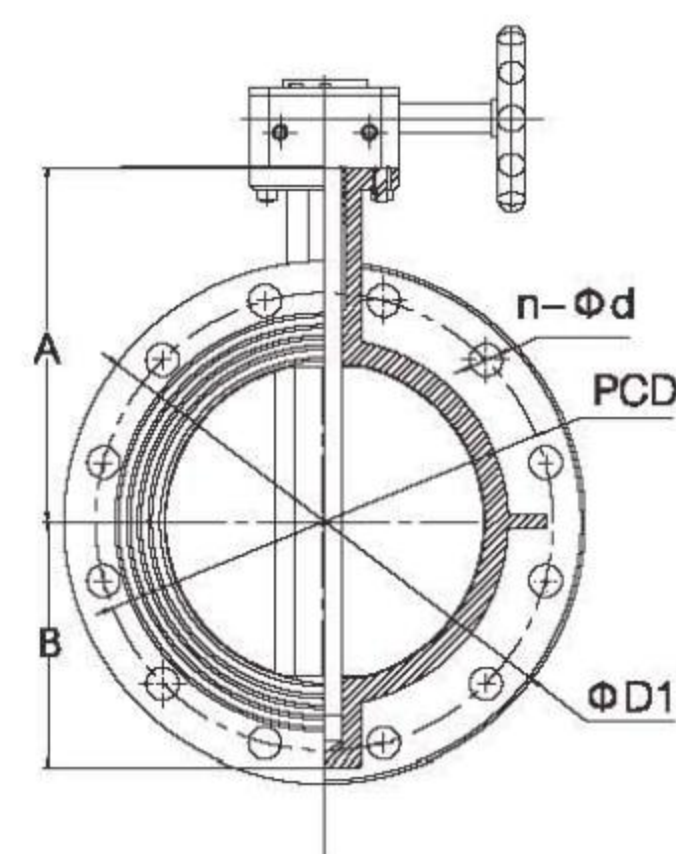
公称通径DN Nominal diameter		A	B	C	D	E	F	G	H	L
毫米mm	英寸inch									
50	2"	88	60	8	14.5	100	53	266.7	32	52
65	2 1/2"	90	76	8	14.5	106	57	266.7	32	52
80	3"	90	89	8	14.5	110	65	266.7	32	52
100	4"	100	114	10	14.5	140	87	266.7	32	52
125	5"	110	140	10	16	153	100	266.7	32	52
150	6"	110	165	10	16	171	112	266.7	32	52
200	8"	135	219	13	19	230	145	359	50	75.2

法兰蝶阀
Flange butterfly valve



D341F

D341X



产品概述Product overview

D341F、D341X法兰式软密封蝶阀设计结构新颖，整体尺寸小，重量轻；蝶板采用双偏心，启闭迅速，操作轻便省力；蝶板与密封圈间无滑动摩擦，密封面耐磨损，使用寿命长，密封可靠，易调整。

D341F、D341X Flange type soft sealing butterfly valve has novel design structure, small overall size and light weight; The butterfly plate adopts double eccentricity, which can be opened and closed quickly, and the operation is light and labor-saving; There is no sliding friction between the butterfly plate and the sealing ring, the sealing surface is wear-resistant, long service life, reliable sealing and easy adjustment.

主要性能参数 Main performance parameters

公称压力 Nominal pressure	1.0Mpa (PN10) 、1.6Mpa (PN16) 、150LB
公称口径 Nominal diameter	DN50-DN1400 (50mm-1400mm)
适用温度 Applicable temperature	EPDM -20℃~+120℃、NBR -20℃~+93℃、PTFE -10℃~+150℃
适用介质 Applicable media	水、油、气体、液体等 Water, oil, gas, liquid, etc

主要零部件材料 Material Of Main Parts

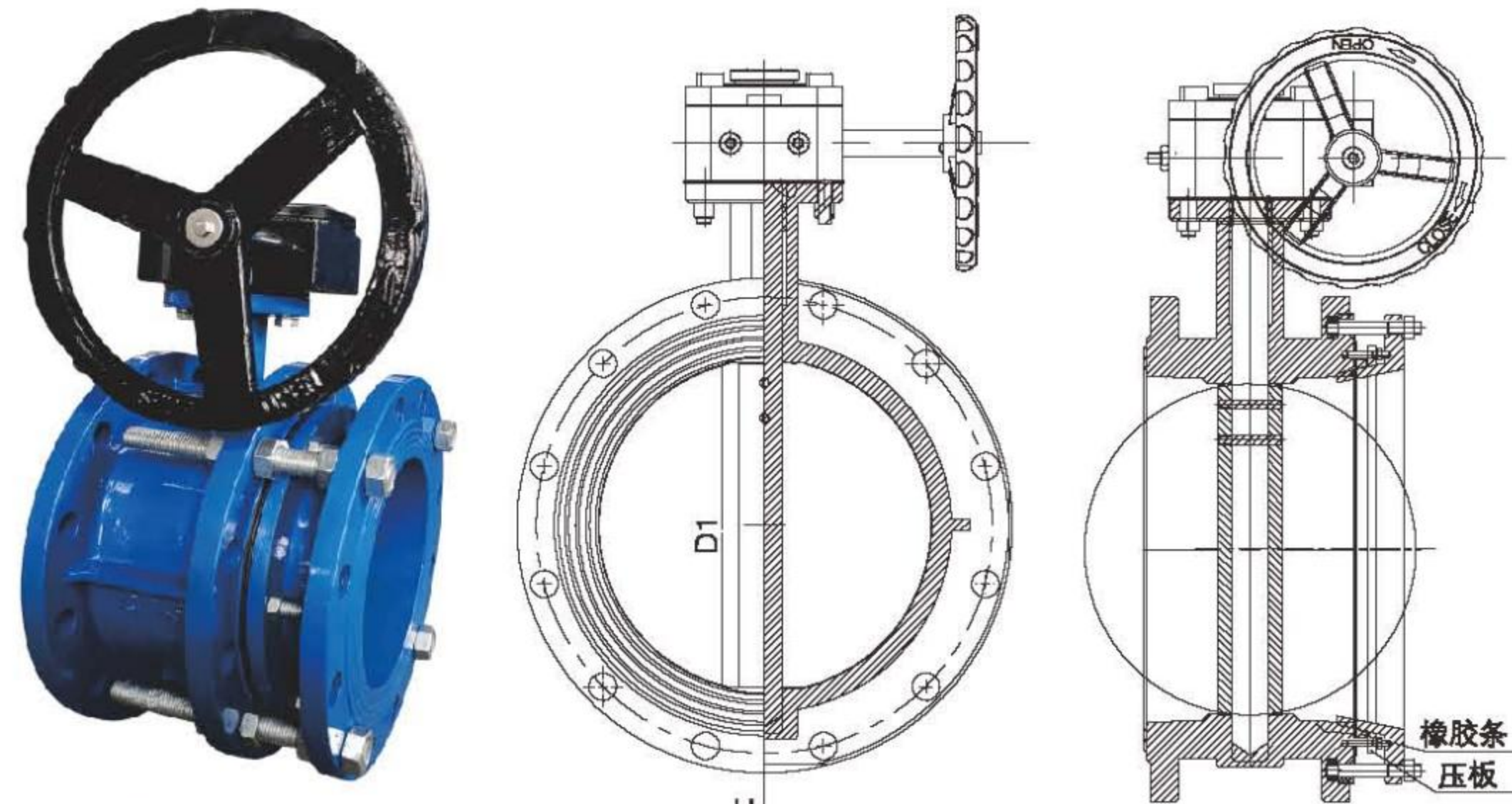
零件名称 Part Name	材料 Material
阀体 Body	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel
阀板 Plate	球墨铸铁、不锈钢、铝青铜C954、衬胶、尼龙、四氟等 Ductile iron, stainless steel, aluminum bronze C954, rubber lining, nylon, PTFE, etc
阀杆 Stem	Q235、45#、2Cr13、304、316等etc
阀座 Seat	EPDM乙丙橡胶、NBR丁腈橡胶、PTFE四氟、Si硅胶等 EPDM ethylene propylene rubber, NBR nitrile rubber, PTFE PTFE, Si silica gel, etc

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

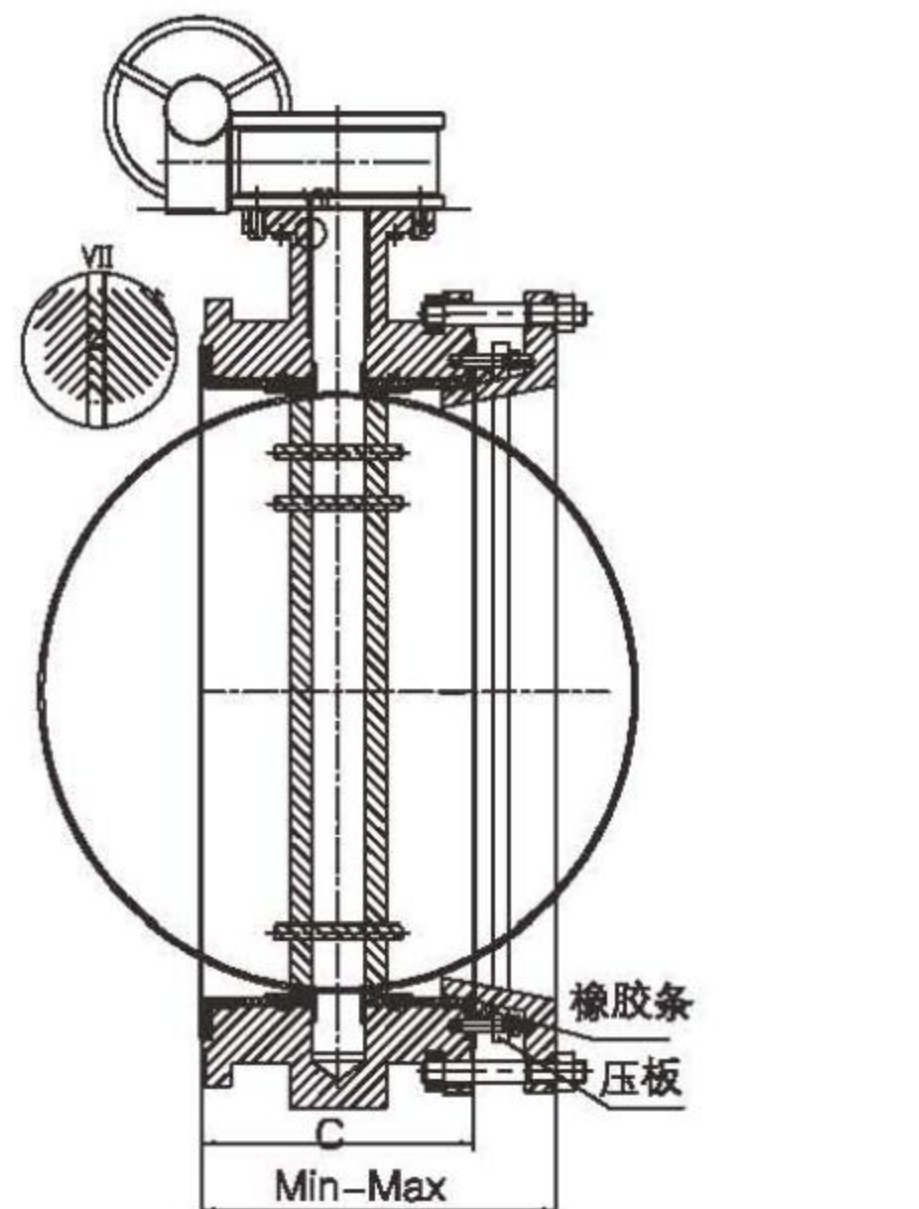
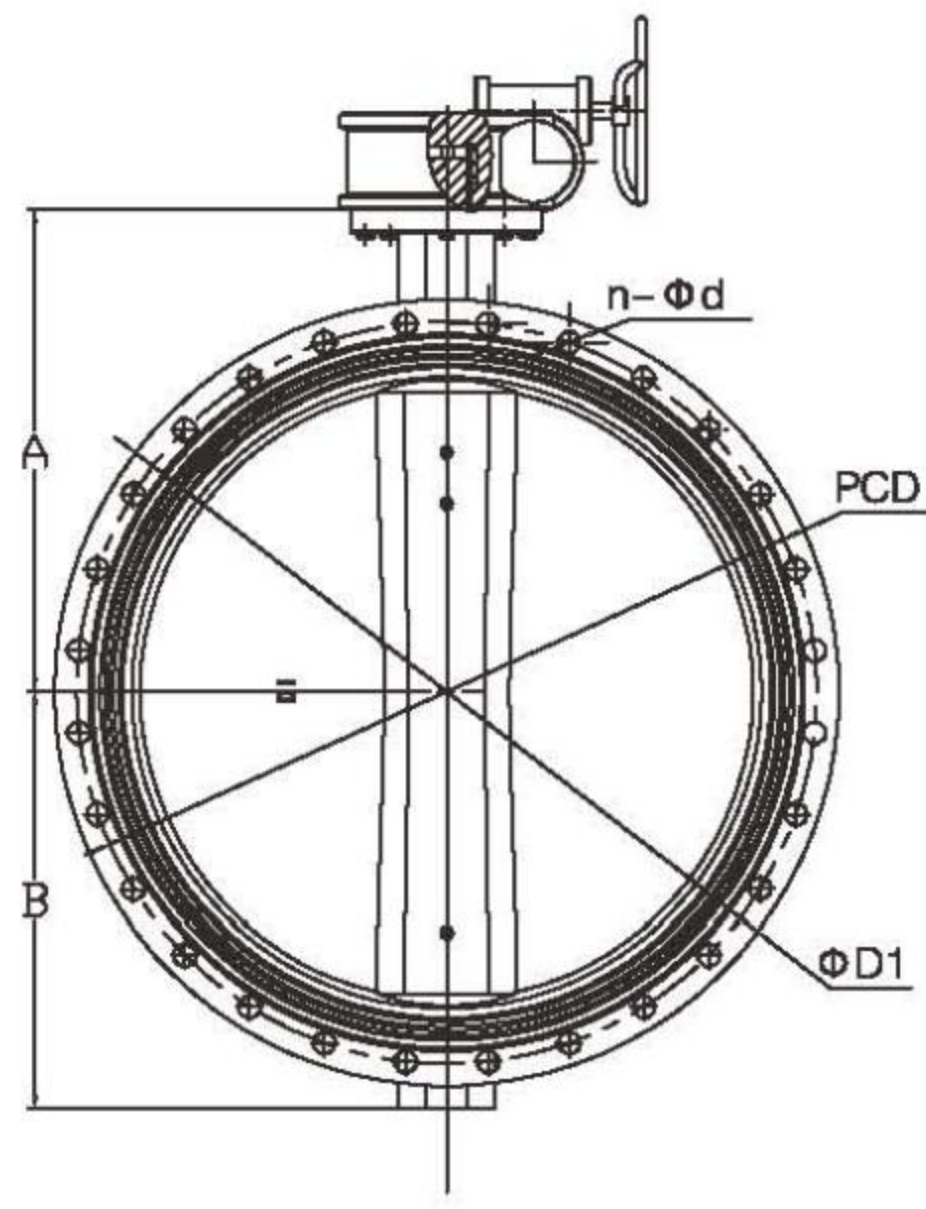
单位: mm

公称口径DN Nominal diameter	A	B	C	PN10			PN16			PN25			150LB			PN6			开启扭矩 N/M
				ΦD1	PCD	n-Φd	ΦD1	PCD	n-Φd	ΦD1	PCD	n-Φd	ΦD1	PCD	n-Φd	ΦD1	PCD	n-Φd	
DN50	128	65	108	165	125	4-18	165	125	4-18	165	125	4-18	150	121	4-19	140	110	4-14	18
DN65	135	73	112	185	145	4-18	185	145	4-18	185	145	8-18	180	140	4-19	160	130	4-14	25
DN80	142	82	114	200	160	8-18	200	160	8-18	200	160	8-18	190	152	4-19	190	150	4-19	33
DN100	178	100	127	220	180	8-18	220	180	8-18	235	190	8-22	230	191	8-19	210	170	4-19	49
DN125	190	112	140	250	210	8-18	250	210	8-18	270	220	8-26	255	216	8-22	240	200	8-19	76
DN150	205	129	140	285	240	8-22	285	240	8-22	300	250	8-26	280	241	8-22	265	225	8-19	115
DN200	246	157	152	340	295	8-22	340	295	12-22	360	310	12-26	345	299	8-22	320	280	8-19	186
DN250	283	195	165	395	350	12-22	405	355	12-26	425	370	12-30	405	362	12-26	375	335	12-19	313
DN300	371	229	178	445	400	12-22	460	410	12-26	485	430	16-30	485	432	12-26	440	395	12-23	488
DN350	360	266	190	505	460	16-22	520	470	16-26	555	490	16-33	535	476	12-29	490	445	12-23	649
DN400	390	298	216	565	515	16-22	580	525	16-30	620	550	16-36	595	540	16-29	540	495	16-23	1373
DN450	410	315	222	615	565	20-26	640	585	20-30	670	600	20-36	635	578	16-32	595	550	16-23	1744
DN500	430	348	229	670	620	20-26	715	650	20-33	730	660	20-36	700	635	20-32	645	600	20-23	1837
DN600	490	400	267	780	725	20-30	840	770	20-36	845	770	20-39	815	749	20-35	755	705	20-26	3718
DN700	550	520	292	895	840	24-30	910	840	24-36	960	875	24-42	925	864	28-35	860	810	24-26	4581
DN800	610	591	318	1015	950	24-33	1025	950	24-39	1085	990	24-48	1060	978	28-42	975	920	24-31	6031
DN900	680	660	330	1115	1050	28-33	1125	1050	28-39	1185	1090	28-48	1170	1086	32-42	1075	1020	24-31	7360
DN1000	730	670	410	1230	1160	28-36	1255	1170	28-42	1320	1210	28-55	1290	1200	36-42	1175	1120	28-31	8926
DN1200	835	780	470	1455	1380	32-39	1485	1390	32-48	1530	1420	32-55	1510	1422	44-42	1405	1340	32-34	12554

法兰伸缩蝶阀
Flange expansion butterfly valve



SD341X



- 1、本蝶阀安装前必须清洗内腔杂物。
- 2、本阀门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，然后代本阀门与管道所需要的长度后，再锁紧伸缩密封压盖。

- 1、The valve must be cleaned before the internal cavity debris.
- 2、The valve can be extended within a certain range, before installation, must loosen the telescopic parts of the gasket gland, and then replace the valve and the length of the pipeline required, and then lock the telescopic gland.

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

单位: mm

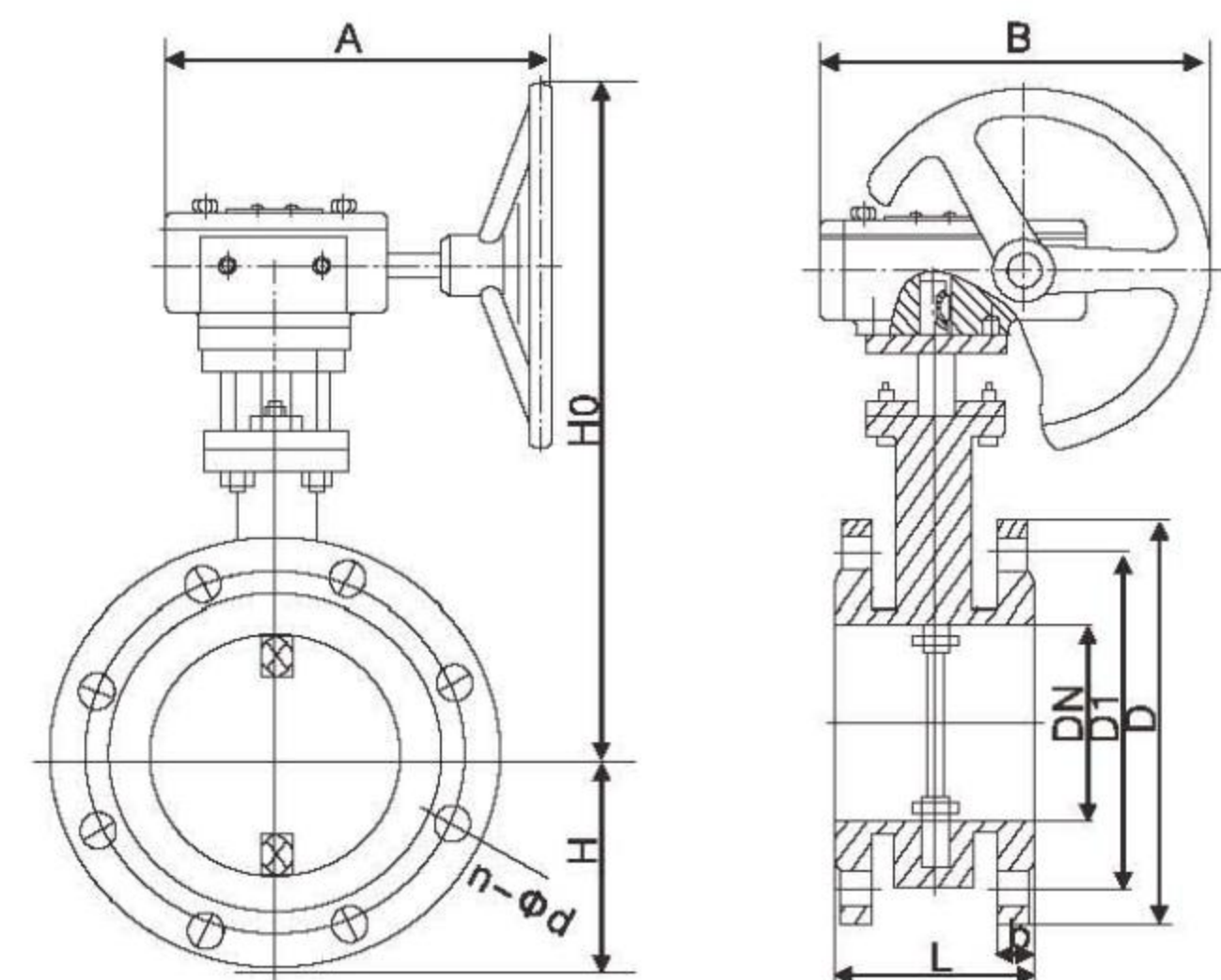
公称口径DN Nominal diameter	A	B	PN10			PN16			JIS10K			150LB			C	Max	Min	开启扭矩 Opening torque N/M
			ΦD1	PCD	n-Φd	ΦD1	PCD	n-Φd	ΦD1	PCD	n-Φd	ΦD1	PCD	n-Φd				
DN50	128	65	165	125	4-18	165	125	4-18	155	120	4-19	150	121	4-19	108	170	150	18
DN65	135	73	185	145	4-18	185	145	4-18	175	140	4-19	180	140	4-19	112	180	160	25
DN80	142	82	200	160	8-18	200	160	8-18	185	150	8-19	190	152	4-19	114	200	180	33
DN100	178	100	220	180	8-18	220	180	8-18	210	175	8-19	230	191	8-19	127	210	190	49
DN125	190	112	250	210	8-18	250	210	8-18	250	210	8-20	255	216	8-22	140	220	200	76
DN150	205	129	285	240	8-22	285	240	8-22	280	240	8-23	280	241	8-22	140	220	200	115
DN200	246	157	340	295	8-22	340	295	12-22	330	290	12-23	330	290	12-23	152	240	220	186
DN250	283	195	395	350	12-22	405	355	12-26	400	355	12-25	405	362	12-26	165	260	240	313
DN300	371	229	445	400	12-22	460	410	12-26	445	400	16-25	485	432	12-26	178	280	260	488
DN350	360	266	505	460	16-22	520	470	16-26	490	445	16-25	535	476	12-29	190	290	270	649
DN400	390	298	565	515	16-22	580	525	16-30	560	510	16-27	595	540	16-29	216	330	300	1373
DN450	410	315	615	565	20-26	640	585	20-30	620	656	20-27	635	578	16-32	222	360	330	1744
DN500	430	348	670	620	20-26	715	650	20-33	675	620	20-27	700	635	20-32	229	360	330	1837
DN600	490	400	780	725	20-30	840	770	20-36	795	730	24-33	815	749	20-35	267	410	380	3718
DN700	550	520	895	840	24-30	910	840	24-36	905	840	24-33	925	864	28-35	292	450	420	4581
DN800	610	591	1015	950	24-33	1025	950	24-39	1020	950	28-33	1060	978	28-42	318	470	440	6031
DN900	680	660	1115	1050	28-33	1125	1050	28-39	1120	1050	28-33	1170	1086	32-42	330	500	260	7360
DN1000	730	670	1230	1160	28-36	1255	1170	28-42	1235	1160	28-39	1290	1200	36-42	410	580	530	8926
DN1200	835	780	1455	1380	32-39	1485	1390	32-48	1465	1380	32-39	1510	1422	44-42	470	670	620	12554

通风蝶阀

Aeration butterfly valve



D341W



产品概述 Product Overview

D341W通风蝶阀是一种非密闭型蝶阀，采用中线式蝶板与短结构钢板焊接的新型结构形式设计制造的，采用优质的耐磨材料焊接而成，结构紧凑、重量轻、流阻小、流量大、避免高温膨胀的影响，操作轻便。产品广泛应用于通风系统，含尘气体、煤气、空气、高温烟气管道、通风净化装置等，用于启闭或调节流量的作用。

D341W ventilation butterfly valve is a non closed butterfly valve. It is designed and manufactured in a new structural form of welding midline butterfly plate and short structural steel plate. It is welded with high-quality wear-resistant materials. It has compact structure, light weight, small flow resistance, large flow, avoids the influence of high-temperature expansion, and is easy to operate. The products are widely used in ventilation system, dusty gas, gas, air, high-temperature flue gas pipeline, ventilation and purification device, etc. for opening and closing or regulating flow.

主要性能参数 Main performance parameters

公称压力 Nominal pressure	0.25Mpa (PN2.5) 、0.6Mpa (PN6) 、1.0Mpa (PN10)
公称通径 Nominal diameter	DN50–DN1400 (50mm–1400mm)
适用温度 Applicable temperature	–30℃ ~ +300℃
适用介质 Applicable media	空气、含尘气体、煤气、高温烟气等 Air, dusty gas, gas, high temperature flue gas, etc
连接方式 Connection mode	法兰连接 Flange connection

主要零部件材料 Material Of Main Parts

零件名称 Part Name	材料 Material
阀体 Body	碳钢、不锈钢 Carbon steel, stainless steel
阀板 Plate	碳钢、不锈钢 Carbon steel, stainless steel
阀座 Seat	碳钢、不锈钢 Carbon steel, stainless steel

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

单位：mm

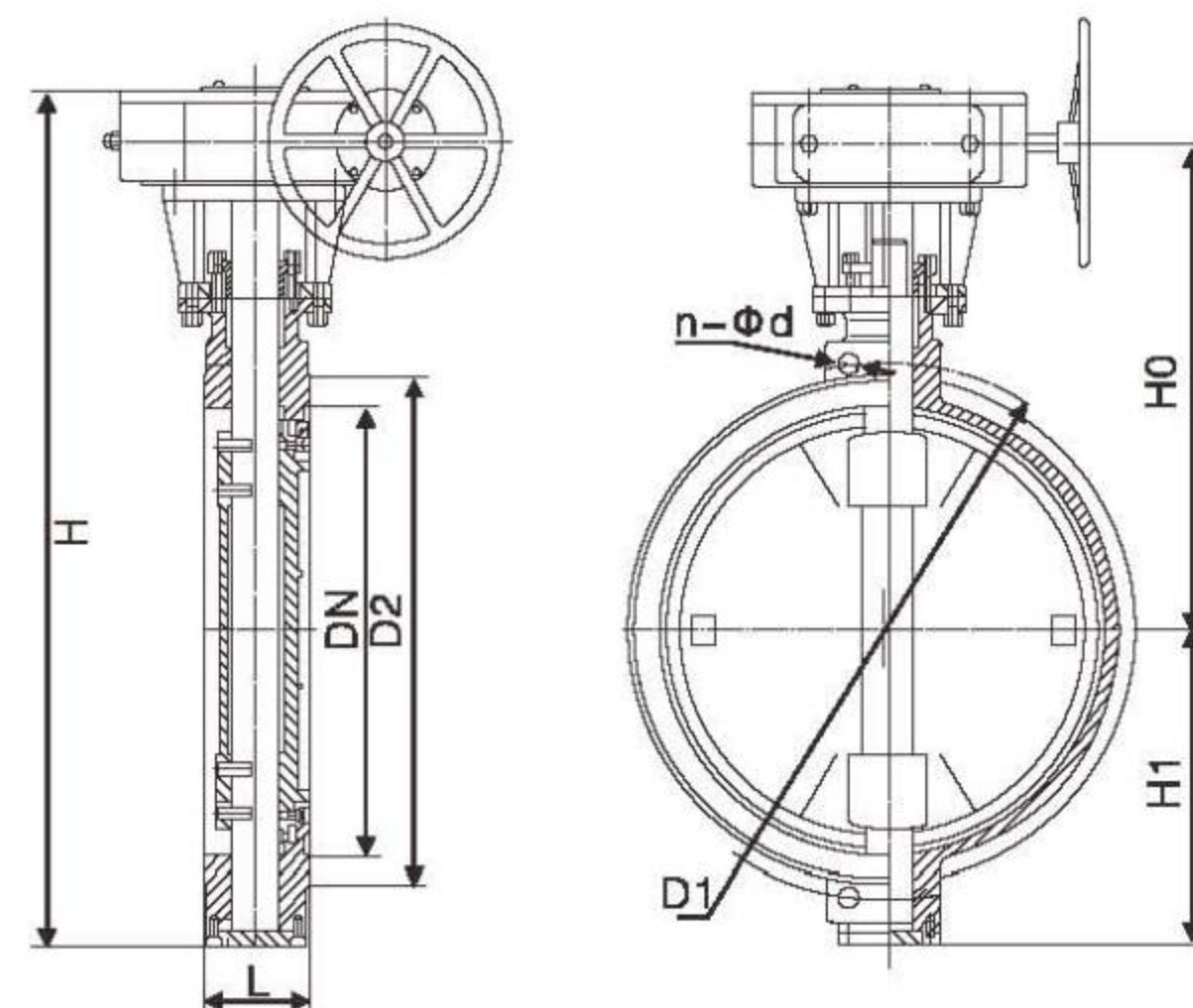
公称通径 Nominal diameter DN(mm)		结构长度(标准值) Face to Face Dimension (Standard)	外形尺寸(参考值) External Dimension(Consult)				连接尺寸(标准值) Connection Dimension(Standard)					
							PN0.05MPa和PN0.25MPa			PN0.6MPa		
							DN	D1	n-Φd	DN	D1	n-Φd
mm	inch	L	H	H0	A	B	D	D1	n-Φd	D	D1	n-Φd
50	2	100	70	418	250	225	140	110	4–14	140	110	4–14
65	2 1/2	100	80	438	250	225	160	130	4–14	160	130	4–14
80	3	100	95	466	250	225	190	150	4–18	190	150	4–18
100	4	100	105	486	250	225	210	170	4–18	210	170	4–18
125	5	140	120	516	325	245	240	200	8–18	240	200	8–18
150	6	140	132	541	325	245	265	225	8–18	265	225	8–18
200	8	140	160	779	325	245	320	280	8–18	320	280	8–18
250	10	140	187	836	363	313	375	335	12–18	375	335	12–18
300	12	170	220	901	363	313	440	395	12–22	440	395	12–22
350	14	170	245	954	363	313	490	445	12–12	490	445	12–22
400	16	190	270	1003	363	313	540	495	16–22	540	495	16–22
450	18	190	297	1058	465	439	595	550	16–22	595	550	16–22
500	20	190	322	1111	546	556	645	600	20–22	645	600	20–22
600	24	210	377	1233	546	556	755	705	20–26	755	705	20–26
700	28	210	430	1338	546	556	860	810	24–26	860	810	24–26
800	32	210	487	1452	546	556	975	920	24–30	975	920	24–30
900	36	250	537	1588	632	706	1075	1020	24–30	1075	1020	24–30
1000	40	250	587	1689	632	706	1175	1120	28–30	1175	1120	28–30
1200	48	250	702	1938	632	706	1375	1320	32–30	1405	1340	32–33
1400	56	300	782	2670	790	1338	1575	1520	36–30	1630	1560	36–36
1600	64	–	895	2810	868	1476	1790	1730	40–30	1830	1760	40–36
1800	72	–	995	3020	868	1476	1990	1930	44–30	2045	1970	44–39
2000	80	–	1095	3220	965	1600	2190	2130	48–30	2265	2180	48–42

硬密封三偏心对夹式蝶阀

Hard seal three eccentric wafer butterfly valve



D373H/W



主要性能参数 Main Performance Parameters

公称压力 Nominal pressure	0.6/1.0/1.6/2.5/4.0/6.4
壳体 case	Px1.5倍
密封压力 Sealing pressure	Px1.1倍
适用介质 Suitable medium	空气、水、蒸气、煤气、油品以及酸、碱、盐带有弱腐蚀性介质等 Air, water, steam, gas, oil and acid, alkali, salt with Weakly corrosive media, etc.
适用温度 proper temperature	碳钢–29℃ ~ 425℃ 不锈钢–40℃ ~ 600℃

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

单位：mm

公称通径DN(mm) Nominal diameter	L	H	H0	PN1.0MPa		PN1.6MPa		PN2.5MPa	
				D1	n-Φd	D1	n-Φd	D1	n-Φd
50	43	220	160	125	4–18	125	4–18	125	4–18
65	46	220	175	145	4–18	145	4–18	145	4–18
80	49	280	182	160	4–18	160	4–18	160	4–18
100	64	320	192	180	4–18	180	4–18	190	4–23
125	70	345	200	210	4–18	210	4–18	220	4–25
150	70	385	230	240	4–23	240	4–23	250	4–25
200	71	471	297	295	4–23	295	4–23	310	4–25
250	76	533	327	350	4–23	355	4–25	370	4–30
300	83	606	364	400	4–23	410	4–25	430	4–30
350	92	694	404	460	4–23	470	4–25	490	4–34
400	102	757	444	515	4–25	545	4–30	550	4–34
450	114	814	472	565	4–25	585	4–30	600	4–34
500	127	902	522	620	4–25	650	4–34	660	4–41
600	154	606	1180	725	4–30	770	4–36	770	4–41
700	165	738	1460	840	4–30	840	4–41	875	4–48
800	190	801	1588	950	4–34	950	4–41	990	4–48
900	203	989	1856	1050	4–34	1050	4–41	1090	4–54
1000	216	1053	1990	1160	4–34	1170	4–48	1210	4–58
1200	254	1162	2190	1380	4–41	1390	4–54	1420	4–58
1400	390	1310	2306	1590	4–48	1590	4–54	1640	4–65
1600	440	1436	2680	1820	4–54	1820	4–58	–	–
1800	490	1579	2917	2020	4–54	2020	4–56	–	–
2000	540	1723	3174	2230	4–54	2230	4–62	–	–

产品概述 Product Overview

由于本产品蝶阀采用的是三维偏心原理设计，使密封面的空间运动轨迹达到理想化，密封面相互之间无摩擦、无干涉、加之密封材料选择得当，从而使蝶阀的密封性、耐腐蚀性、耐高温性和耐磨性等得到了可靠的保证。其主要特点如下：

- 1、开启力矩小，灵活方便，省力节能。
- 2、三维偏心结构，使蝶板越关越紧，其密封性能可靠，达到无泄漏。
- 3、耐高压、耐腐蚀、耐磨损、使用寿命长等。

Because the butterfly valve of this product adopts the three-dimensional eccentric principle design, the space motion trajectory of the sealing surface is idealized, and there is no friction and interference between the sealing surfaces, and the sealing material is selected properly, so that the butterfly valve has a sealing performance and corrosion resistance. , High temperature resistance and wear resistance have been reliably guaranteed. Its main features are as follows:

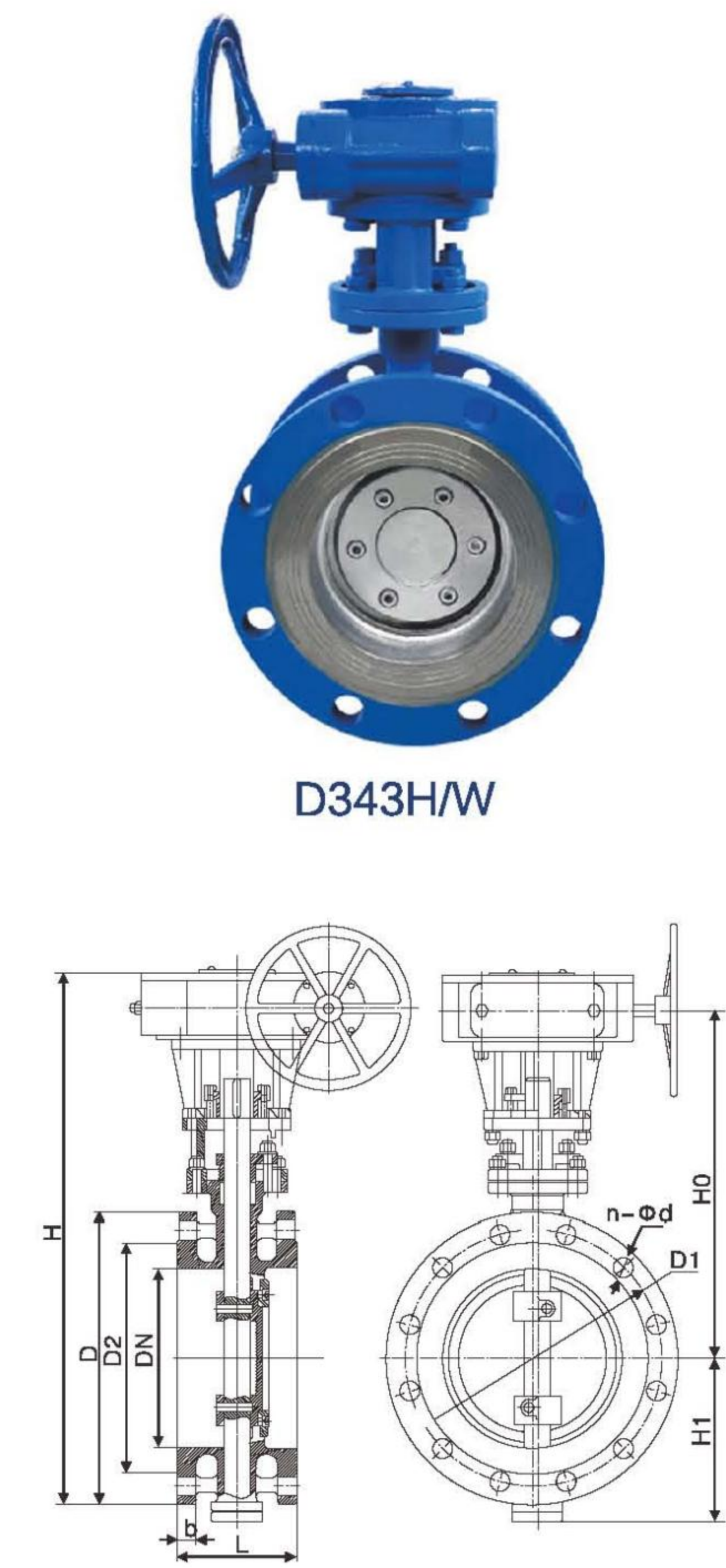
1. The opening torque is small, flexible and convenient, labor-saving and energy-saving.
2. The three-dimensional core structure makes the butterfly plate tighter and tighter. Its sealing performance is reliable and leak-free.
3. High pressure resistance, corrosion resistance, abrasion resistance, long service life, etc.

主要零部件材料 Material Of Main Parts

名称 Name	材料 Material Science
阀体 valve body	铸铁、不锈钢、铬钼钢、合金钢 Cast iron, stainless steel, Chrome-molybdenum steel, alloy steel
阀板 Valve plate	铬钼钢、合金钢、铸钢、不锈钢 Chrome-molybdenum steel, alloy steel, cast steel, stainless steel
密封圈 Seal ring	不锈钢与耐高温石棉板组合成多层次 Stainless steel and high temperature resistant asbestos board are combined into multiple layers
阀杆 The stem	2Cr13、1Cr13不锈钢、铬钼钢 2Cr13, 1Cr13 stainless steel, chromium molybdenum steel
阀杆 Bearing	奥氏体不锈钢、304氮化 Austenitic stainless steel, 304 nitriding
填料 filler	柔性石墨 Flexible graphite

硬密封三偏心法兰式蝶阀

Hard seal three eccentric flange butterfly valve



产品概述Product overview

D343H/W蝶阀结构简单、体积小、重量轻，只由少数几个零件组成。而且只需旋转90°即可快速启闭，操作简单，同时该阀门具有良好的流体控制特性。蝶阀处于完全开启位置时，蝶板厚度是介质流经阀体时唯一的阻力，因此通过该阀门所产生的压力降很小，故具有较好的流量控制特性。蝶阀有弹性密封和金属的密封两种密封型式。弹性密封阀门，密封圈可以镶嵌在阀体上或附在蝶板周边。应用范围冶金、轻工、电力、煤气、水道等领域。

D343H/W The butterfly valve is simple in structure, small in volume and light in weight, and consists of only a few parts. The valve can be switched on and off quickly only by rotating 90 degrees. The operation is simple and the valve has good fluid control characteristics. When the butterfly valve is in full open position, the butterfly plate thickness is the only resistance when the medium flows through the valve body, so the pressure drop generated by the valve is very small, so it has better flow control characteristics. Butterfly valve has elastic seal and metal seal. Elastic sealing valve, sealing ring can be embedded in the valve body or attached to the butterfly plate. Its applications include metallurgy, light industry, electric power, gas, waterway and other fields.

性能规范Performance specif cation

公称通径 Nominal Diameter	公称压力 Nominal Pressure	试验压力(MPa) Test Pressure			适用温度 Applicable Temperature	适用介质 Applicable Media	驱动形式 Operation
DN(mm)	PN(MPa)	强度试验 Shell Test	密封试验 Seal Test	气密封 试验 Air Sealing Test		空气、水、 蒸气、煤气、 油品以及酸、 碱、盐带有 弱腐蚀性 介质等 Air, Water, Steam Coal Gas, Oil and Acid, Alkali, Salt Corrosive Medium and so on.	蜗杆蜗轮 传动、气 传动、 电传动 Lever Operator, Worm Gear Operator, Pneumatic Operator, Electric Operator
50 ~ 2000	0.6	0.9	0.66	0.6	-29℃ ~ 425℃		
	1.0	1.5	1.1	0.6			
	1.6	2.4	1.76	0.6			
	2.5	3.75	2.75	0.6			
50 ~ 1200	4.0	6.0	4.4	0.6			

主要零部件材质Materials of main parts

零件名称 Parts Name	材料 Material
阀体 Body	铸钢、不锈钢 Cast steel, stainless steel
蝶板 Disc	铸钢、不锈钢及特殊材料 Cast steel, stainless steel and special materials
密封圈 Sealing Ring	不锈钢 Stainless steel
阀杆 Stem	铸钢、不锈钢及特殊材料 Cast steel, stainless steel and special materials
填料 Packing	四氟、柔性石墨 PTFE, flexible graphite

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

国际 GB/T9113.1-2010 单位：mm

DN (mm)	L	H	H0	PN1.0MPa				PN1.6MPa				PN2.5MPa			
				D	D1	b	n-Φd	D	D1	b	n-Φd	D	D1	b	n-Φd
50	108	220	160	165	125	20	4-18	165	125	16	4-18	160	125	20	4-18
65	112	220	175	185	145	20	4-18	185	145	18	4-18	180	145	22	8-18
80	114	320	186	195	160	22	4-18	200	160	20	8-18	195	160	22	8-18
100	127	320	192	215	180	22	8-18	220	180	20	8-18	230	190	24	8-23
125	140	345	200	245	210	24	8-18	250	210	22	8-18	270	220	28	8-25
150	140	385	230	280	240	24	8-23	285	240	24	8-23	300	250	30	8-25
200	152	471	297	335	295	26	8-23	340	295	26	12-23	360	310	34	12-25
250	165	533	327	390	350	28	12-23	405	355	30	12-25	425	370	36	12-30
300	178	606	364	440	400	28	12-23	460	410	30	12-26	485	430	40	16-30
350	190	694	404	500	460	30	16-23	520	470	34	16-26	550	490	44	16-34
400	216	757	444	565	515	32	16-25	580	545	36	16-30	610	550	48	16-34
450	222	814	472	615	565	32	20-25	640	585	40	20-30	660	600	50	20-34
500	229	902	522	670	620	34	20-25	715	650	44	20-34	730	660	52	20-41
600	267	1048	608	780	725	36	20-30	840	770	48	20-41	840	770	56	20-41
700	292	1273	795	895	840	40	24-30	910	840	50	24-41	955	875	60	24-48
800	318	1382	835	1010	950	44	24-34	1020	950	52	24-41	1070	990	64	24-48
900	330	1497	885	1110	1050	46	28-34	1120	1050	54	28-41	1180	1090	66	28-54
1000	410	1617	945	1220	1160	50	28-34	1255	1170	56	28-48	1305	1210	68	28-58
1200	470	2180	1160	1455	1380	56	32-41	1485	1390	58	32-54	1525	1420	72	32-68
1400	530	2300	1310	1675	1590	62	36-48	1685	1590	60	36-54	1750	1640	78	36-65
1600	600	2670	1436	1915	1820	68	40-54	1930	1820	68	40-58	-	-	-	-
1800	697	2920	1580	2115	2020	72	44-54	2130	2020	50	44-56	-	-	-	-
2000	760	3170	1724	2325	2230	74	46-54	2345	2230	54	48-62	-	-	-	-

船用中心型螺旋式蝶阀

Marine central type spiral butterfly valve



产品概述Product overview

BLTD371X船用中心型螺旋式蝶阀产品设计新颖，结构独特，重量轻，操作方便，启闭迅速；密封部位可调节更换，密封性能可靠等特点。设计标准分为国标、日标、美标、德标等。产品广泛适用于船舶、医药、化工、石油、电力、轻纺、造纸等给排水、气体管道上作调节流量和截流介质的作用，具有补偿管道热胀冷缩的功能。

BLTD371X extension rod butterfly valve is mainly composed of valve body, valve shaft, valve plate, valve seat, extension rod and driving mechanism (handle, worm gear, pneumatic device or electric device). The rotating shaft and valve plate are driven to rotate by the driving mechanism to realize the purpose of opening, closing and controlling flow. The lengthening mechanism is mainly applicable to the operation of underground pipeline valves or valves that are not easy to access. The products are widely used in water treatment, shipbuilding, chemical industry, petrochemical, smelting, medicine, food and other system pipelines.

主要性能参数 Main performance parameters

公称压力 Nominal pressure	1.0Mpa (PN10) 、 1.6Mpa (PN16)
公称通径 Nominal diameter	DN50—DN500 (50mm—500mm)
适用温度 Applicable temperature	-23℃ ~ +120℃
适用介质 Applicable media	空气、海水、油品等其他气体或液体 Air, sea water, oil products and other gases or liquids

主要零部件材料 Material Of Main Parts

零件名称 Part Name	材料 Material
阀体 Body	球墨铸铁、铸钢、不锈钢、铝青铜等 Ductile iron, cast steel, stainless steel, aluminum bronze, etc
阀板 Plate	球墨铸铁、不锈钢、铝青铜、尼龙、四氟等 Ductile iron, stainless steel, aluminum bronze, nylon, PTFE, etc
阀杆 Stem	Q235、45#、2Cr13、304、316等 etc
阀座 Seat	NBR丁腈橡胶、EPDM乙丙橡胶、PTFE四氟、FKM氟橡胶等 NBR nitrile rubber, EPDM ethylene propylene rubber, PTFE tetrafluororubber, FKM fluororubber, etc

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

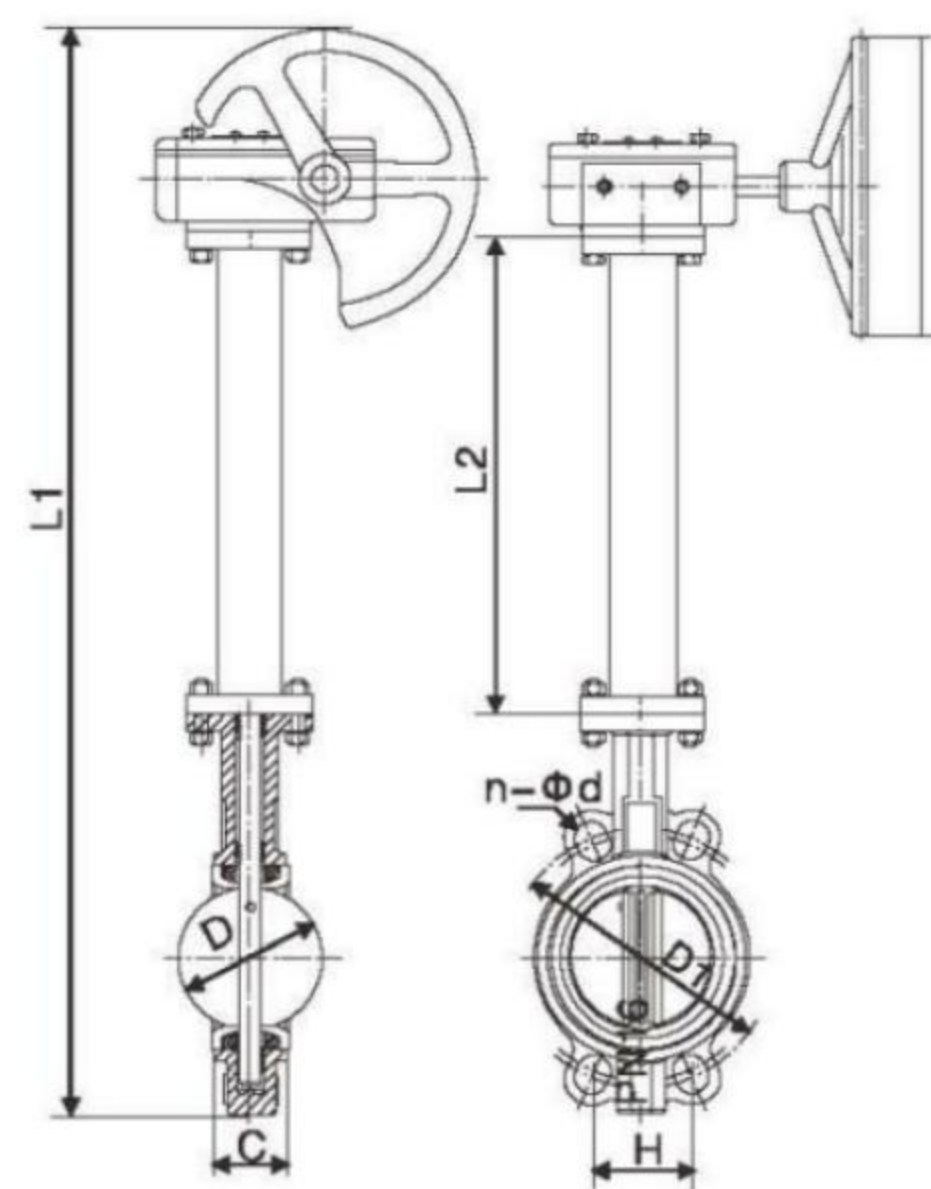
单位：mm

DN (mm)	ISO JIS GB			ISO(GB2501-89)				JIS				GB(GB569-65)				ISO		JIS		GB	
	H	H1	DO	L	D	D1	D2	L	D	D1	D2	L	D	D1	D2	n	d	n	d	n	d
50	420	80	180	43	165	125	102	40	155	120	88	43	135	103	84	4	18	4	19	6	16
65	435	85	180	46	185	145	122	40	157	140	112	46	155	123	104	4	18	4	19	6	16
80	480	120	180	46	200	160	133	60	185	150	125	46	170	138	118	8	18	4	19	8	16
100	500	135	200	52	220	180	158	60	210	175	144	52	190	158	138	8	M16	8	M16	8	M14
125	570	150	200	56	250	210	184	60	250	210	178	56	215	183	164	8	M16	8	M20	10	M14
150	600	165	250	56	280	240	212	70	280	240	207	56	240	208	190	8	M20	8	M20	12	M14
200	700	190	250	60	340	295	268	80	330	290	260	60	310	273	250	8	M20	12	M20	12	M16
250	770	225	280	68	395	350	320	90	400	355	316	68	380	336	310	12	M20	12	M22	14	M20
300	860	250	280	78	445	400	370	90	445	400	361	78	435	391	364	12	M20	16	M22	16	M20
350	920	280	320	78	505	460	430	100	490	445	404	78	485	441	414	16	M20	16	M22	18	M20
400	980	310	320	102	565	515	482	110	560	510	462	102	545	496	466	16	M24	16	M24	18	M24
450	1139	344	450	114	615	656	530	130	620	565	522	114	600	551	520	20	M24	20	M24	20	M24
500	1272	382	450	127	670	620	585	140	675	620	585	127	650	601	573	20	M24	20	M24	20	M24

加长杆蝶阀
Extended stem butterfly valve



加长杆D371X



产品概述Product overview

D371X加长杆蝶阀主要由阀体、阀轴、阀板、阀座、加长杆及驱动机构（手柄、蜗轮蜗杆、气动装置或电动装置）等组成，靠驱动机构带动转轴及阀板旋转以实现启闭和控制流量的目的。加长机构主要适用于地下管道阀门或不易接近的阀门使用加长传动装置操作，产品广泛用于水处理、船舶、化工、石化、冶炼、医药、食品等系统管路中。

D371x extension rod butterfly valve is mainly composed of valve body, valve shaft, valve plate, valve seat, extension rod and driving mechanism (handle, worm gear, pneumatic device or electric device). The rotating shaft and valve plate are driven to rotate by the driving mechanism to realize the purpose of opening, closing and controlling flow. The lengthening mechanism is mainly applicable to the operation of underground pipeline valves or valves that are not easy to access. The products are widely used in water treatment, shipbuilding, chemical industry, petrochemical, smelting, medicine, food and other system pipelines.

主要性能参数 Main performance parameters

公称压力 Nominal pressure	1.0Mpa (PN10) 、1.6Mpa (PN16)
公称通径 Nominal diameter	DN50-DN800 (50mm-800mm)
适用温度 Applicable temperature	EPDM -20℃ ~ +120℃、NBR -20℃ ~ +93℃、PTFE -10℃ ~ +150℃
适用介质 Applicable media	水、油、气体、液体等 Water, oil, gas, liquid, etc

主要零部件材料 Material Of Main Parts

零件名称 Part Name	材料 Material
阀体 Body	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel
阀板 Plate	球墨铸铁、不锈钢、脱硫 (1.4529 / 2507) 、铝青铜C954、尼龙、四氟等 Ductile iron, stainless steel, desulfurization (1.4529 / 2507), aluminum bronze C954, nylon, PTFE, etc
阀杆 Stem	Q235、45#、2Cr13、304、316等 etc
阀座 Seat	EPDM乙丙橡胶、NBR丁腈橡胶、PTFE四氟、硅胶等 EPDM ethylene propylene rubber, NBR nitrile rubber, PTFE PTFE, SI silica gel, etc
□□□ Extension rod	碳钢、不锈钢等 Carbon steel, stainless steel, etc

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

单位：mm

公称通径DN		尺寸 (mm)										
mm	inch	C	D	H	D1	n-Φd	L2	K	E	n1-Φ1	Φ2	半圆键
50	2"	42	52.9	84.84	125	4-18	0-10000	77	57.15	4-6.7	12.6	3
65	2.5"	44.7	64.5	96.2	145	4-18	0-10000	77	57.15	4-6.7	12.6	3
80	3"	45.2	78.8	61.23	160	8-18	0-10000	77	57.15	4-6.7	12.6	3
100	4"	52.1	104	70.8	180	8-18	0-10000	92	69.85	4-10.3	15.77	5
125	5"	54.4	123.3	82.28	210	8-18	0-10000	92	69.85	4-10.3	18.92	5
150	6"	55.8	155.6	91.08	240	8-22	0-10000	92	69.85	4-10.3	18.92	5
200	8"	60.6	202.5	112.89 76.35	295	8-22/12-22	0-10000	115	88.9	4-14.3	22.1	5
250	10"	65.6	250.5	92.4	350/355	12-22/12-26	0-10000	115	88.9	4-14.3	28.45	8
300	12"	76.9	301.6	105.34	400/410	12-22/12-26	0-10000	140	107.95	4-14.3	31.6	8
350	14"	76.5	333.3	91.11	460/470	16-22/16-26	0-10000	140	107.95	4-14.3	31.6	8
400	16"	86.5	389.6	100.47 102.42	515/525	16-22/16-30	0-10000	197	158.75	4-20.6	33.15	10
450	18"	105.6	440.51	88.39 91.51	565/585	20-26/20-30	0-10000	197	158.75	4-20.6	38	10
500	20"	131.8	491.6	96.99 101.68	620/650	20-26/20-33	0-10000	197	158.75	4-20.6	41.15	10
600	24"	152	592.5	113.42 120.46	725/770	20-30/20-36	0-10000	276	215.9	4-22.2	50.65	16
700	28"	163	695	109.65	840	24-30/24-26	0-10000	300	254	8-18.0	55 63.35	16
800	32"	188	794.7	124	950	24-33/24-39	0-10000	300	254	8-18.0	55 63.35	16



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