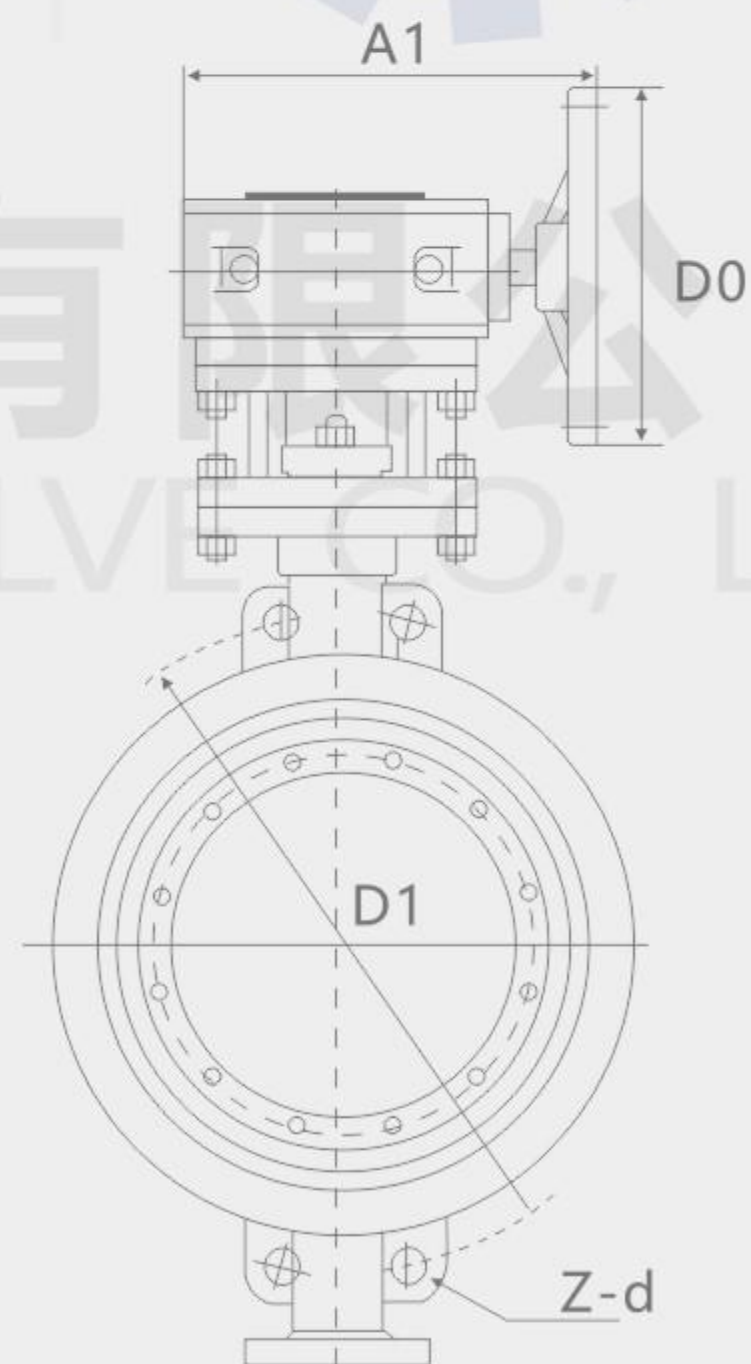




BUTTERFLY VALVE SERIES

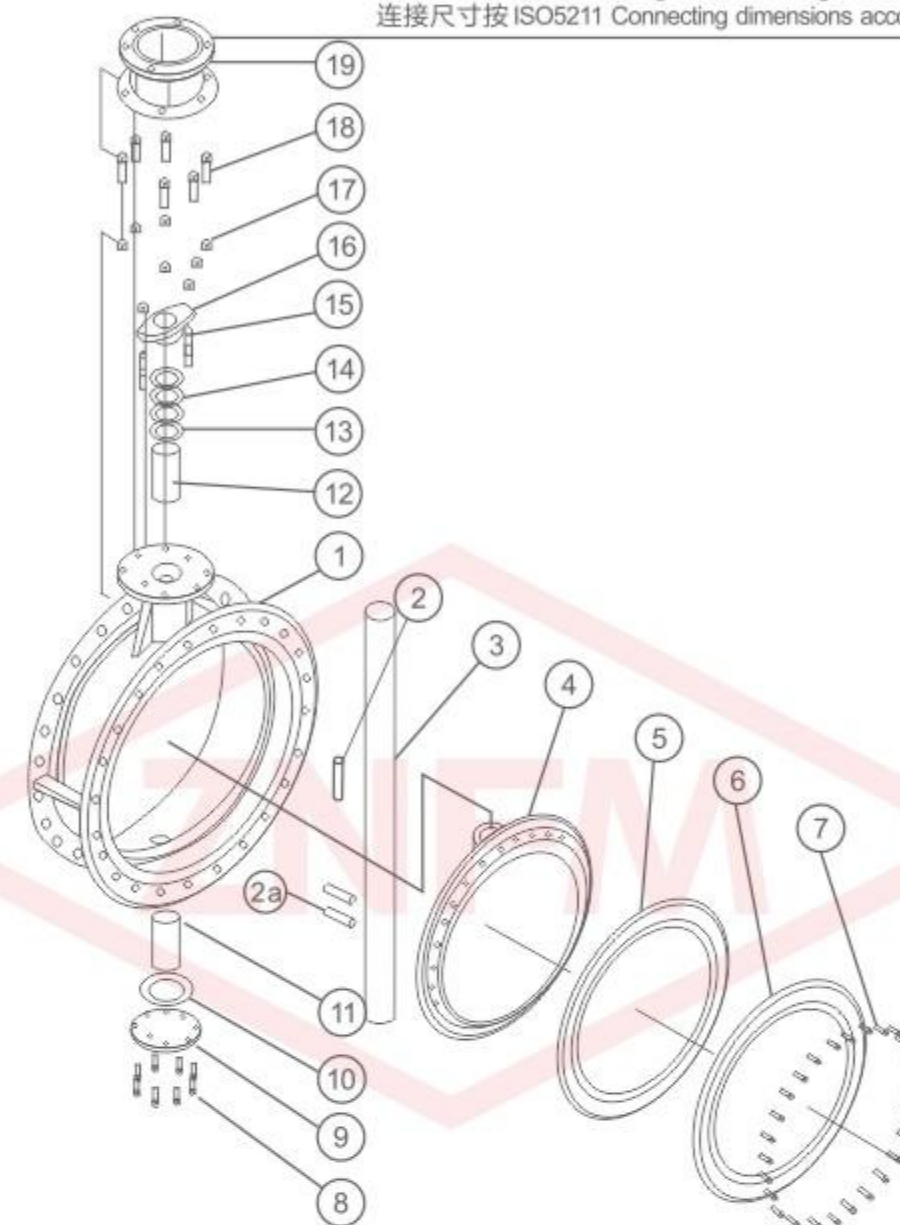
蝶阀系列



蝶阀主要零件材质

Material Of Butterfly Valve Main Parts

接驱动机构 For connecting with the driving actuators
连接尺寸按 ISO5211 Connecting dimensions according to ISO5211



阀体连接形式有双法兰连接，对夹连接，凸耳对夹连接和对焊连接四种

The form of valve connection is double flange connection, clamp connection, lug to clamp connection and butt welding connection four kinds.

主要零件材质 Main component materials

序号NO.	零件名称 Part Name	可选材料 Optional materials
1	阀体 Body	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WC6,LCB,C95800等
2	键 Key	35#,304,316等
2a	销轴 Pin shaft	F6a,F304,F304L,F316,F316L,F51,F53 Monel K400/500,17-4PH等
3	阀杆 Stem	F6a,F304,F304L,F316,F316L,F51,F53 Monel K400/500,17-4PH等
4	蝶板 Disc	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WC6,LCB,C95800等
5	密封圈 Seal ring	SS304+Graphite,SS304+STL,SS316+Graphite,SS316L+ Graphite,SS316L+STL, S31803+Graphite,S31803+STL PTFE,RPTFE,PPL,EPDM,NBR等
6	压板圈 Clamping ring	A105,F304,F304L,F316,F316L,F51,F53,C95800等
7	螺钉 Screw	B7,B8,B7M等
8	螺栓 Bolt	B7,B8,B7M等
9	底盖 Bottom cover	Q235,F304,F304L,F316,F316L,F51,F53,C95800等
10	垫片 Shim	SS304+Graphite,SS316+Graphite,PTFE等
11/12	轴套 Bushing	SF-1,SF-1B,SS304,SS316,SS304+PTFE,SS316+PTFE等
13	填料垫 Packing pad	F304,F316,F304L,F316L等
14	填料 Filler	Graphite,PTFE,PPL等
15	螺栓 Bolt	B7,B8,B7M等
16	填料压盖 Packing gland	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WC6,LCB,C95800等
17	螺母 Nut	B7,B8,B7M等
18	螺栓 Bolt	2H,8,2HM等
19	支架 Bracket	WCB,CF8,CF8M,Q235等

国标蝶阀性能、用途、特点

GB Butterfly Valve's Performance, Use, and Characteristics

用途及特点 Purpose and characteristics

硬密封蝶阀系列产品，是我公司新开发的长寿命、节能型蝶阀。产品符合国家标准JB/T8527-2015(金属密封蝶阀)和GB/T13927-2008(通用阀门压力试验)标准及阀门其它相关标准的规定。

本产品由阀体、蝶板、密封圈、传动机构等主要部件组成。其结构采用二维或三维偏心原理设计，硬软多层次密封兼容的加工新工艺，使蝶阀在运行工作时，减少其扭矩力，达到省力、节能之功能。从而确保蝶阀整体的抗腐蚀、耐高温蚀高、抗磨耀的可能性。其主要性能特点是：

- 1、结构独特、型小轻便、操作灵活、省力、方便；
- 2、密封可靠，可满足各级标准；
- 3、流量特性好，且具有调节功能；
- 4、采用偏心原理，使密封面近似零磨损，延长了阀门使用寿命；
- 5、应用范围广，可用于水、蒸汽、油品、空气、煤气等介质；
- 6、适用不同温度及15.0MPa以下的压力等级、耐腐蚀等各种工况之管线。

The hard sealed butterfly valve series products are our company's newly developed long-life and energy-saving butterfly valves. The product complies with the national standards JB/T8527-2015 (Metal Sealed Butterfly Valves) and GB/T13927-2008 (General Purpose Valve Pressure Testing), as well as other relevant valve standards.

This product consists of main components such as valve body, butterfly plate, sealing ring, and transmission mechanism. Its structure adopts a two-dimensional or three-dimensional eccentric principle design, and a new processing technology that is compatible with hard and soft multi-level sealing, which reduces the torque force of the butterfly valve during operation and achieves the function of labor-saving and energy-saving. So as to ensure the overall corrosion resistance, high temperature corrosion resistance, and the possibility of wear and tear resistance of the butterfly valve. Its main performance characteristics are:

- 1. Unique structure, small and lightweight, flexible operation, labor-saving, and convenient;
- 2. Reliable sealing, able to meet various standards;
- 3. Good flow characteristics and adjustable function;
- 4. By adopting the principle of eccentricity, the sealing surface is approximately zero wear, which extends the service life of the valve;
- 5. Widely applicable, it can be used in media such as water, steam, oil, air, gas, etc;
- 6. Suitable for pipelines with different temperatures and pressure levels below 15.0MPa, as well as various working conditions such as corrosion resistance.

用途 Purpose

本蝶阀适用于食品，医药，石油化工、电厂、钢厂、工业环保水处理及高层建筑、给排水管道上作调节流量和截断流体最佳装置。

This butterfly valve is suitable for food, medicine, petrochemicals, power plants, steel mills, industrial environmental water treatment, high-rise buildings, and water supply and drainage pipelines as the best device for regulating flow and cutting off fluids.

主要性能参数及采用标准 Main Performance Parameters And Standard

设计标准 Design standards		JB/T8527-2015						
法兰连接尺寸 Flange Connection Dimension		GB/T9113-1010						
结构长度	Face to Face Length	GB/T12221-2005						
压力试验	Pressure Test	GB/T13927-2008 JB/9092-99						
公称通径	Nominal Diameter	50~2000						
公称压力	Nominal Pressure	1.0	1.6	2.5	4.0	6.3	10.0	15.0
试验压力 Test pressure	强度试验 Shell Test	1.5	2.4	3.75	6.0	9.5	14.4	20.9
	密封试验 Sealing Test	1.1	1.76	2.75	4.4	7.0	10.6	15.3
	气密封试验 Air Sealing Test	0.5~0.7MPa						
适用介质 Applicable Media		水、油品、蒸汽、煤气、酸、碱等 Water Oil Steam Gas. Acid Alkali Etc						
适用温度 Temperature		-100℃-800℃						

D343H/F/Y/W法兰式多层次金属硬密封蝶阀

D343H/F/Y/W Flange Type Multi-level Metal Hard Seal Butterfly Valve

主要技术参数 Main Technology Parameter

公称通径 Nominal Diameter	公称压力 Nominal Pressure	试验压力(MPa) Test Pressure			渗漏率 Leakage Rate	适用温度 Applicable Temperature	适用介质 Applicable Medium	驱动形式 Operation
DN(mm)	PN(MPa)	强度试验 Strength Test	密封试验 Seal Test	气密封试验 Air Sealing Test				
50~2000	0.6	0.9	0.66	0.6	< 0.1×DNmm ³ /s (符合GB/T13927-2008标准 According to Standard GB/T13927-2008	碳钢 Carbon steel: -29℃~425℃ 不锈钢 Stainless Steel: -100℃~800℃	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、电转动、液动传动 Lever Operator, Worm Gear Operator, Pneumatic Operator, Electric Operator, Hydraulic transmission
	1.0	1.5	1.1	0.6				
	1.6	2.4	1.76	0.6				
500~600	2.5	3.75	2.75	0.6				
	4.0	6.0	4.4	0.6				
50~400	6.3	9.5	7.0	0.6				
	10.0	14.4	10.6	0.6				
	15.0	20.9	15.3	0.6				

主要零件材质 Main component materials

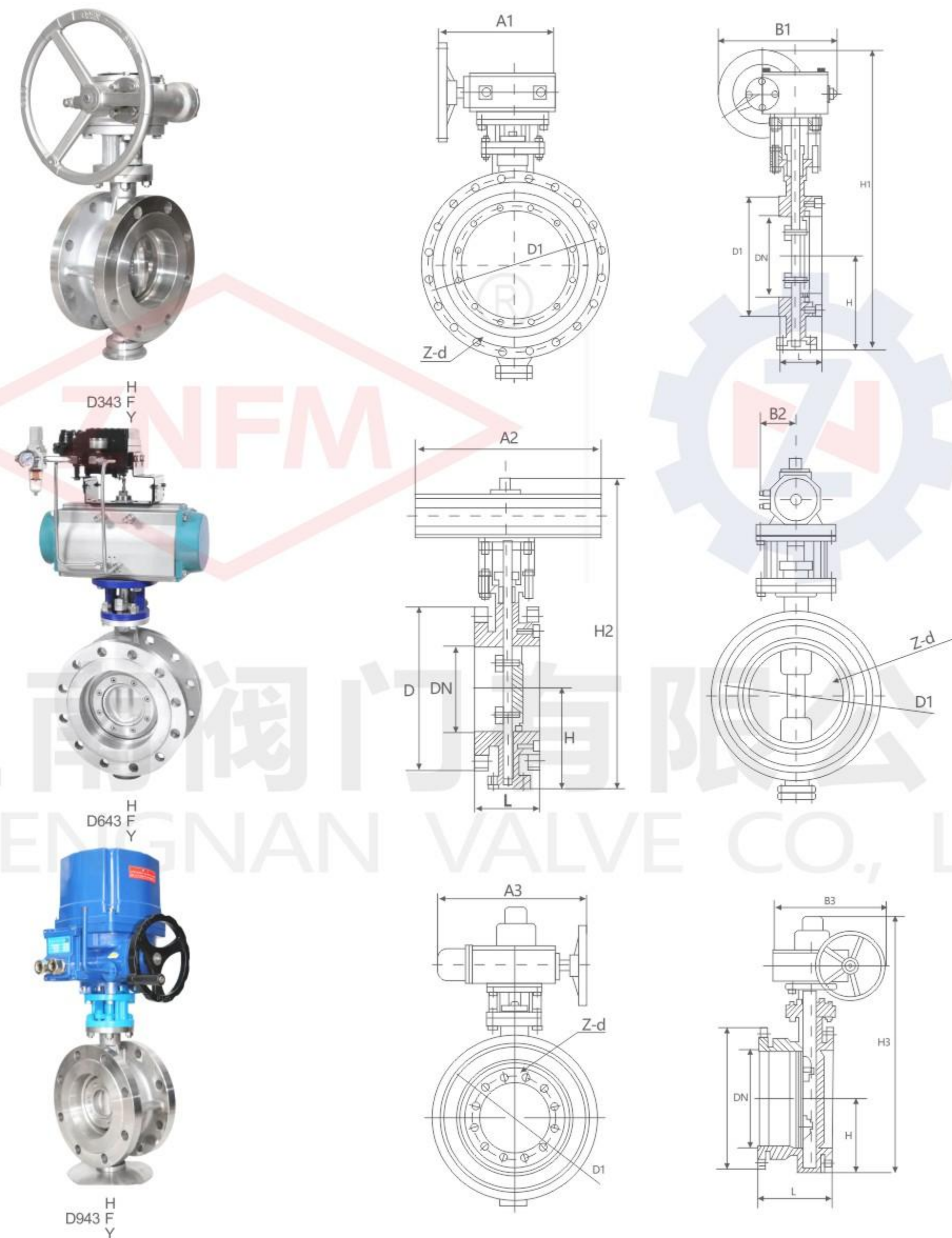
零件名称 Part Name	材料 Material
阀体 Body	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WCB,LCB,C95800等
蝶板 Disc	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WCB,LCB,C95800等
密封圈 Sealing Ring	SS304+Graphite,SS304+STL,SS316+Graphite,SS316L+ Graphite,SS316L+STL, S31803+Graphite,S31803+STL PTFE,RPTFE,PPL,EPDM,NBR等
阀杆 Stem	F6a,F304,F304L,F316,F316L,F51,F53 Monel K400/500,17-4PH等
轴套 Bushing	SF-1,SF-1B,SS304,SS316,SS304+PTFE,SS316+PTFE等
填料 Packing	Graphite,PTFE,PPL等

D343H/F/Y/W法兰式多层次金属硬密封蝶阀

D343H/F/Y/W Flange Type Multi-level Metal Hard Seal Butterfly Valve

蝶阀系列

BUTTERFLY VALVE SERIES



D343H/F/Y/W法兰式多层次金属硬密封蝶阀

D343H/F/Y/W Flange Type Multi-level Metal Hard Seal Butterfly Valve

主要外形连接尺寸 Main External Connection Size

(PN0.6/1.0/1.6MPa)

DN	结构 长度L Structure length L	法兰尺寸 (参考值) Flange size (reference value)													外形尺寸 (参考值) Dimensions (reference value)		
		H	PN0.6Mpa				PN1.0Mpa				PN1.6Mpa				D343H		
	毫米 mm		短 short	D	D1	D2	Z-d	D	D1	D2	Z-d	D	D1	D2	Z-d	H1	A1
40	106	107	130	100	80	4-14	150/145	110	85	4-18	150/145	110	84	4-18	330	180	200
50	108	112	140	110	90	4-14	165/160	125	100	4-18	165/160	125	99	4-18	350	180	200
65	112	115	160	130	110	4-14	185/180	145	120	4-18	185/180	145	118	4-18	370	180	200
80	114	120	190/185	150	125	4-18	200/195	160	135	8-18	200/195	160	132	8-18	380	180	200
100	127	138	210/205	170	145	4-18	220/215	180	155	8-18	220/215	180	156	8-18	420	180	200
125	140	164	240/235	200	175	8-18	250/245	210	185	8-18	250/245	210	184	8-18	460	180	200
150	140	175	265/260	225	200	8-18	285/280	240	210	8-22	285/280	240	211	8-23	555	270	280
200	152	200	320/315	280	255	8-18	340/335	295	265	8-22	340/335	295	266	12-23	760	400	425
250	165	243	375/370	335	310	12-18	395/390	350	320	12-22	405	355	319	12-26	830	400	425
300	178	250	440/435	395	362	12-22	445/440	400	368	12-22	460	410	370	12-26	895	450	560
350	190	280	490/485	445	412	12-22	505/500	460	428	16-22	520	470	429	16-26	950	450	560
400	216	305	540/535	495	462	16-22	565	515	482	16-26	580	525	480	16-30	1190	535	580
450	222	350	595/590	550	518	16-22	615	565	532	20-26	640	585	530	20-30	1255	535	580
500	229	380	645/640	600	568	20-22	670	620	585	20-26	715/705	650	582	20-34	1305	535	580
600	267	445	755	705	670	20-26	780	725	685	20-30	840	770	682	20-41	1340	570	660
700	292	458	860	810	775	24-26	895	840	800	24-30	910	840	794	24-41	1520	750	550
800	318	530	975	920	880	24-30	1015/1010	950	805	24-33	1025/1020	950	901	24-41	1710	750	550
900	330	580	1075	1020	980	24-30	1115/1110	1050	1005	28-33	1125/1120	1050	1001	28-41	1810	750	550
1000	410	650	1175	1120	1080	28-30	1230/1220	1160	1110	28-36	1255	1170	1112	28-48	1960	900	750
1200	470	765	1405/1400	1340	1290	32-34	1455/1450	1380	1330	32-41	1485	1390	1328	32-54	-	-	-
1400	530	890	1630/1620	1560	1510	36-36	1675	1590	1530	36-48	1685	1590	1530	36-54	-	-	-
1600	600	1010	1830/1820	1760	1710	40-36	1915	1820	1750	40-54	1930	1820	1750	40-58	-	-	-
1800	670	1200	2045	1970	1920	44-42	2115	2020	1950	44-54	2130	2020	1950	44-58	-	-	-
2000	760	1330	2265	2180	2125	48-48	2325	2230	2150	48-54	2345	2230	2150	48-60	-	-	-

蝶阀系列

BUTTERFLY VALVE SERIES

D343H/F/Y/W法兰式多层次金属硬密封蝶阀

D343H/F/Y/W Flange Type Multi-level Metal Hard Seal Butterfly Valve

主要外形连接尺寸 Main External Connection Size

(PN2.5/4.0MPa)

DN	结构 长度L Structure length L	法兰尺寸（参考值） Flange size (reference value)					结构 长度L Structure length L	法兰尺寸（参考值） Flange size (reference value)				外形尺寸（参考值） Dimensions (reference value)		
		H	PN2.5Mpa					PN4.0Mpa				D343H		
	毫米 mm		短 short		D	D1	D2	Z-d	长 long	D	D1	D2	Z-d	H1
40	108	86	150/145	110	85	4-18	140	150	110	84	4-18	248	180	200
50	108	88	165/160	125	100	4-18	150	165	125	99	4-18	350	180	200
65	112	103	185/180	145	120	8-18	170	185	145	118	8-18	370	180	200
80	114	114	200/195	160	135	8-18	180	200	160	132	8-18	380	180	200
100	127	135	235/230	190	160	8-22	190	235	190	156	8-22	420	180	200
125	140	160	270	220	188	8-26	200	270	220	184	8-26	460	180	200
150	140	180	300	225	218	8-26	210	300	250	211	8-26	555	270	280
200	152	202	360	310	278	12-26	230	375	320	284	12-30	760	400	425
250	165	255	425	370	332	12-30	250	450	385	345	12-33	830	400	425
300	178	278	485	430	390	16-30	270	515	450	409	16-33	895	450	560
350	190	295	555/550	490	448	16-34	290	580	510	465	16-36	950	450	560
400	216	345	620/610	550	505	16-36	310	660	585	535	16-39	1190	535	580
450	222	395	670/660	600	555	20-36	330	685	610	560	20-39	1255	535	580
500	229	435	730	660	610	20-36	350	755	670	615	20-42	1305	535	580
600	267	480	845/840	770	718	20-41	390	890	795	735	20-48	1340	570	660
700	292	515	960/955	875	815	24-42	430	995	900	835	24-48	1520	750	550
800	318	610	1085/1070	990	930	24-48	470	1140	1030	960	24-56	1710	750	550
900	330	650	1185/1180	1090	1025	28-48	510	-	-	-	-	-	-	-
1000	410	715	1320/1305	1210	1140	28-56	550	-	-	-	-	-	-	-
1200	470	890	1530/1525	1420	1350	32-58	630	-	-	-	-	-	-	-
1400	530	1010	1755/1750	1640	1560	36-60	710	-	-	-	-	-	-	-

D373H/F/Y/W对夹式多层次金属硬密封蝶阀

D373H/F/Y/W wafer type multi-level Metal hard seal butterfly valve

主要技术参数 Main Technology Parameter

公称通径 Nominal Diameter	公称压力 Nominal Pressure	试验压力(MPa) Test Pressure			渗漏率 Leakage Rate	适用温度 Applicable Temperature	适用介质 Applicable Medium	驱动形式 Operation
DN(mm)	PN(MPa)	强度试验 Strength Test	密封试验 Seal Test	气密封试验 Air Sealing Test				
50~2000	0.6	0.9	0.66	0.6	< 0.1×DNmm³/s (符合GB/T13927-2008标准 According to Standard GB/T13927-2008	碳钢 Carbon steel: -29℃~425℃ 不锈钢 Stainless Steel: -100℃~800℃	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、电转动、液动传动 Lever Operator, Worm Gear Operator, Pneumatic Operator, Electric Operator, Hydraulic transmission
	1.0	1.5	1.1	0.6				
	1.6	2.4	1.76	0.6				
	2.5	3.75	2.75	0.6				
500~600	4.0	6.0	4.4	0.6				
50~400	6.3	9.5	7.0	0.6				
	10.0	14.4	10.6	0.6				
	15.0	20.9	15.3	0.6				

主要零件材质 Main component materials

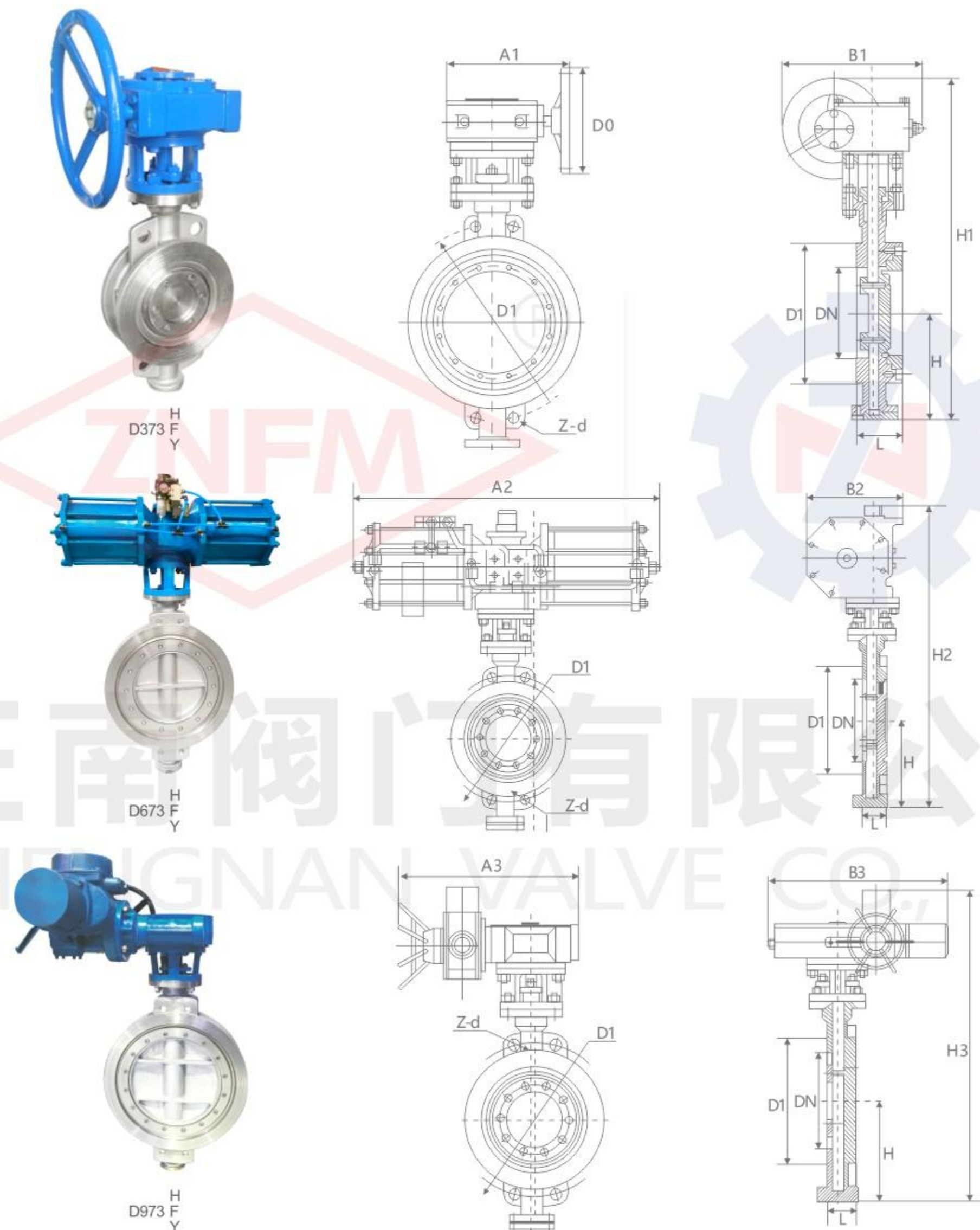
零件名称 Part Name	材料 Material
阀体 Body	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WCB,LCB,C95800等
蝶板 Disc	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WCB,LCB,C95800等
密封圈 Sealing Ring	SS304+Graphite,SS304+STL,SS316+Graphite,SS316L+ Graphite,SS316L+STL, S31803+Graphite,S31803+STL PTFE,RPTFE,PPL,EPDM,NBR等
阀杆 Stem	F6a,F304,F304L,F316,F316L,F51,F53 Monel K400/500,17-4PH等
轴套 Bushing	SF-1,SF-1B,SS304,SS316,SS304+PTFE,SS316+PTFE等
填料 Packing	Graphite,PTFE,PPL等

D373H/F/Y/W对夹式多层次金属硬密封蝶阀

D373H/F/Y/W wafer type multi-level Metal hard seal butterfly valve

蝶阀系列

BUTTERFLY VALVE SERIES



D373H/F/Y/W对夹式多层次金属硬密封蝶阀

D373H/F/Y/W wafer type multi-level Metal hard seal butterfly valve

蝶阀系列

BUTTERFLY VALVE SERIES

主要外形连接尺寸 Main External Connection Size

DN	结构 长度L Structure length L	法兰尺寸 (参考值) Flange size (reference value)							外形尺寸 (参考值) Dimensions (reference value)		
		H	PN0.6Mpa			PN1.0Mpa			D373H		
			D1	D2	Z-d	D1	D2	Z-d	H1	A1	B1
毫米 mm	短 short										
40	33	107	100	78	4-14	110	84	4-18	330	180	200
50	43	112	110	88	4-14	125	99	4-18	350	180	200
65	46	115	130	108	4-14	145	118	4-18	370	180	200
80	49	125	150	124	4-18	160	132	8-18	380	180	200
100	56	138	170	144	4-18	180	156	8-18	420	180	200
125	64	164	200	174	8-18	210	184	8-18	460	180	200
150	70	175	225	199	8-18	240	211	8-22	555	270	280
200	71	215	280	254	8-18	295	266	8-22	780	400	425
250	76	243	335	309	12-18	350	319	12-22	840	400	425
300	83	285	395	363	12-22	400	370	12-22	995	450	560
350	92	320	445	413	12-22	460	429	16-22	1050	450	560
400	102	350	495	463	16-22	515	480	16-26	1220	535	580
450	114	350	550	518	16-22	565	530	20-26	1280	535	580
500	127	380	600	568	20-22	620	582	20-26	1365	535	580
600	154	435	705	667	20-26	725	682	20-30	1460	570	660
700	165	480	810	772	24-26	840	794	24-30	1520	750	550
800	190	530	920	878	24-30	950	901	24-33	1710	750	550
900	203	595	1020	978	24-30	1050	1001	28-33	1810	750	550
1000	216	650	1120	1078	28-30	1160	1112	28-36	1900	900	750
1200	254	810	1340	1295	32-33	1380	1328	32-39	-	-	-
1400	279	940	1560	1510	36-36	1590	1530	36-42	-	-	-
1600	318	1050	1760	1710	40-36	1820	1750	40-48	-	-	-

D373H/F/Y/W对夹式多层次金属硬密封蝶阀

D373H/F/Y/W wafer type multi-level Metal hard seal butterfly valve

主要外形连接尺寸 Main External Connection Size

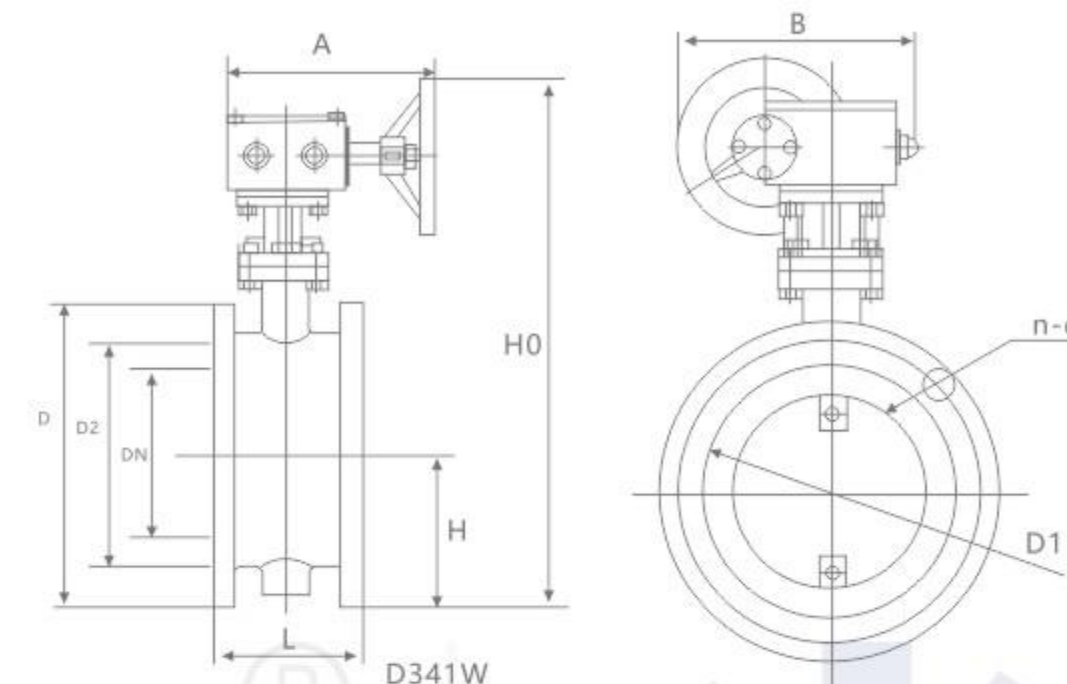
(PN1.6/2.5/4.0MPa)

DN	结构 长度L Structure length L	法兰尺寸 (参考值) Flange size (reference value)							结构 长度L Structure length L	外形尺寸 (参考值) Dimensions (reference value)					
		H	PN1.6Mpa			PN2.5Mpa				PN4.0Mpa			D373H		
	毫米 mm		短 short	D1	D2	Z-d	D1	D2	Z-d	长 long	D1	D2	Z-d	H1	A1
40	33	107	110	84	4-18	110	84	4-18	33	110	85	4-18	330	180	200
50	43	112	125	99	4-18	125	99	4-18	43	125	100	4-18	350	180	200
65	46	115	145	118	4-18	145	118	8-18	46	145	120	8-18	370	180	200
80	49	125	160	132	8-18	160	132	8-18	64	160	135	8-18	380	180	200
100	56	138	180	156	8-18	190	156	8-22	64	190	160	8-22	420	180	200
125	64	164	210	184	8-18	220	184	8-26	70	220	188	8-26	460	180	200
150	70	175	240	211	8-22	250	211	8-26	76	250	218	8-26	555	270	280
200	71	215	295	266	12-22	310	274	12-26	89	320	282	12-30	780	400	425
250	76	243	355	319	12-26	370	330	12-30	114	385	345	12-33	840	400	425
300	83	285	410	370	12-26	430	389	16-30	114	450	408	16-33	995	450	560
350	92	320	470	429	16-26	490	448	16-33	127	510	465	16-36	1050	450	560
400	102	350	525	480	16-30	550	503	16-36	140	585	535	16-39	1220	535	580
450	114	350	585	548	20-30	600	548	20-36	152	610	560	20-39	1280	535	580
500	127	380	650	609	20-33	660	609	20-36	152	670	612	20-42	1365	535	580
600	154	435	770	720	20-36	770	720	20-39	178	795	730	20-48	1460	570	660
700	165	480	840	794	24-36	875	820	24-42	229	900	835	24-48	1520	750	550
800	190	530	950	901	24-39	990	928	24-48	241	1030	960	24-56	1710	750	550
900	203	595	1050	1001	28-39	1090	1028	28-48	-	-	-	-	1810	750	550
1000	216	650	1170	1112	28-42	1210	1140	28-56	-	-	-	-	1900	900	750
1200	254	810	1390	1328	32-48	1420	1350	32-55	-	-	-	-	-	-	-
1400	279	940	1590	1530	36-48	1640	1560	36-60	-	-	-	-	-	-	-
1600	318	1060	1820	1750	40-56	-	-	-	-	-	-	-	-	-	-

D341W法兰式通风蝶阀

D341W flange Type Ventilation Butterfly Valve

3 0.5
D641W- 1 C
9 2.5
6 6



应用规范

设计标准: GB/12238-1989 JB/8692-1998
法兰连接: GB/T9115.1-2000
结构长度: GB/T12221-1989
压力试验: GB/T13927-92 JB/9092-1999

Application specifications

Design standard: GB/1238-1989 JB/8692-1998
Flange connection: GB/T9115.1-2000
Structural length: GB/T12221-1989
Pressure test: GB/T13927-92 JB/9092-1999

主要外形连接尺寸 Main External Connection Size

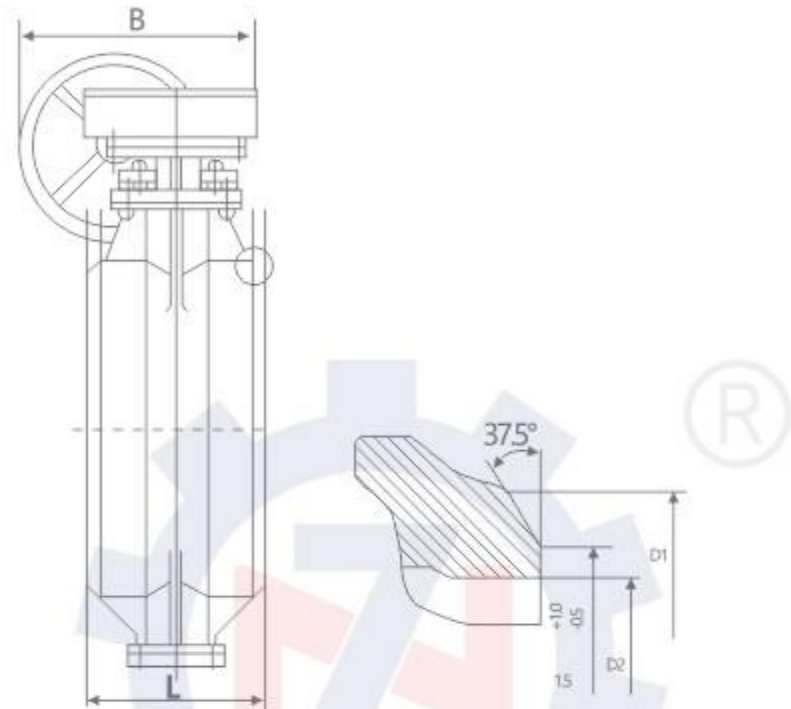
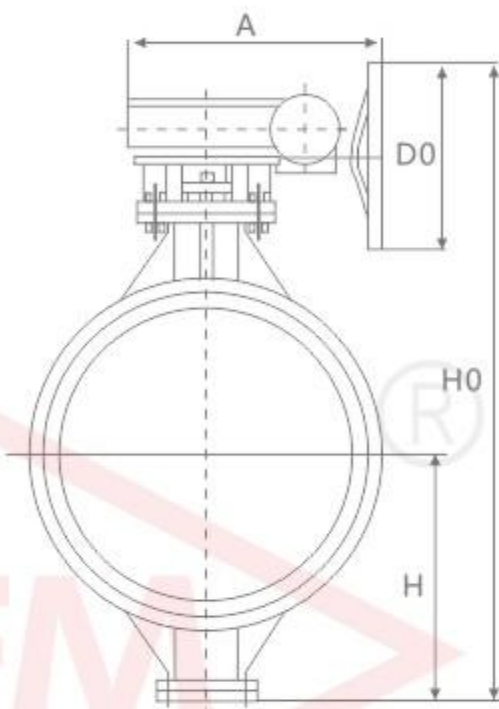
DN	L	H	H0	0.05/0.1/0.25MPa					0.6MPa				
				D	D1	D2	b	n-d	D	D1	D2	b	n-d
50	100	70	418	140	110	88	8	4-14	140	110	88	10	4-14
65	100	80	438	160	130	108	8	4-14	160	130	108	10	4-14
80	100	95	466	190	150	124	8	4-18	190	150	124	10	4-18
100	120	105	486	210	170	144	10	4-18	210	170	144	14	4-18
125	120	120	516	240	200	174	10	8-18	240	200	174	16	8-18
150	120	132	541	265	225	199	10	8-18	265	225	199	16	8-18
200	140	160	779	320	280	254	10	8-18	320	280	254	18	8-18
250	140	187	836	375	335	309	12	12-18	375	335	309	20	12-18
300	170	220	901	440	395	363	12	12-22	440	395	363	22	12-22
350	170	245	954	490	445	413	12	12-22	490	445	413	22	12-22
400	190	270	1003	540	495	463	14	16-22	540	495	463	22	16-22
450	190	297	1058	595	550	518	14	16-22	595	550	518	22	16-22
500	190	322	1111	645	600	568	14	20-22	645	600	568	24	20-22
600	210	377	1233	755	705	667	14	20-26	755	705	667	24	20-26
700	210	430	1338	860	810	772	16	24-26	860	810	772	24	24-26
800	210	487	1452	975	920	878	16	24-30	975	920	878	24	24-30
900	250	537	1588	1075	1020	978	16	24-30	1075	1020	978	24	24-30
1000	250	587	1689	1175	1120	1078	16	28-30	1175	1120	1078	24	28-30
1200	250	702	1938	1375	1320	1295	18	32-30	1405	1340	1295	26	32-33
1400	300	782	2670	1575	1520	1510	18	36-30	1630	1560	1510	26	36-36
1600	300	895	2810	1790	1730	1710	20	40-30	1830	1760	1710	26	40-36
1800	300	995	3020	1990	1930	1818	22	44-30	2045	1970	1918	26	44-39
2000	350	1095	3220	2190	2130	2125	22	44-30	2265	2180	2125	26	48-42
2200	350	1200	3430	2405	2340	2295	22	52-33	2475	2390	2335	28	52-42
2400	350	1310	3650	2605	2545	2495	24	56-33	2685	2800	2545	28	56-42
2600	400	1420	3920	2805	2740	2695	24	60-33	2905	2810	2750	28	60-48
2800	400	1530	4140	3030	2960	2910	26	64-36	3115	3020	2960	30	64-48
3000	400	1640	4360	3230	3160	3110	26	68-36	3315	3220	3160	30	68-48

D363H/F/Y/W对焊式金属硬密封蝶阀

D363H/F/Y/W Butt Welding Metal Hard Seal Butterfly Valve

蝶阀系列

BUTTERFLY VALVE SERIES



性能规范/用途及特点

本蝶阀适用于高温、高压、防火、保温等管道上作启闭或调节介质之用。

其主要特点如下：

- 1、结构紧凑、体积小、重量轻、操作灵活、使用方便；
- 2、采用三维偏心硬碰硬或多层次硬密封结构，其密封性能可靠达到零泄漏；
- 3、此阀无法兰，对管道的保温包扎带来很方便和美观；
- 4、具有耐高温、高压、耐腐蚀、耐磨损等特点。

主要技术参数

The Main Technical Parameters

公称通径 Nominal Diamter	DN (mm)	50~700				
公称压力 Nominal Pressure	PN (Mpa)	0.6	1.0	1.6	2.5	4.0
试验压力 PS (mpa) Test Pressure	强度试验Shell test	0.9	1.5	2.4	3.75	6.0
	密封试验Seal test	0.66	1.1	1.76	2.75	4.4
	气密封试验Gas seal test	0.6	0.6	0.6	0.6	0.6
适用介质 Appropriate Medium	水、蒸气、油品、酸类腐蚀性等 Corrosive to water, steam, oil, acid, etc.					
适用温度 Appropriate Temperatuere	碳钢Carben steel:-29℃~425℃ 不锈钢Stainless steel:-196℃~600℃					

D363H/F/Y/W对焊式金属硬密封蝶阀

D363H/F/Y/W Butt Welding Metal Hard Seal Butterfly Valve

蝶阀系列

BUTTERFLY VALVE SERIES

主要零件的材质 Material Of Main Parts

零件名称Parts name	材料Material
阀体Bldy	铸钢、不锈钢、铬钼钢及特殊材料 Cast steel, stainless steel, chromium molybdenum steel and special materials
蝶板Disc	铸钢、合金钢（镀硬铬）、不锈钢、铬钼钢及特殊材料 Cast steel, Alloy steel, Stainless steel, Cr.Mo. Steel and ad hoc Material
密封圈Seal ring	不锈钢，抗磨材料 Stainless steel, anti-wear material
阀杆Stem	2Cr13、17-4PH、304、316L
填料Packing	柔性石墨Flexible graphite

D363H(W)-16C(P.I.R.V)对焊式金属硬密封蝶阀butt Welding Metal Hard Seal Butterfly Valve
主要外形及连接尺寸main Shape And Connection Size

公称通径 Nominal diamter		标准值standard value 尺寸/mm(1.6MPa)Dimension							
		L	D1	D2	D0	H	H0	A	B
80	3"	180	90	78	157	90	350	194	186
100	4"	190	110	96	157	100	376	194	186
125	5"	200	135	121	205	113	410	268	252
150	6"	210	161	146	205	130	468	268	252
200	8"	230	222	202	235	205	586	306	300
250	10"	250	278	254	235	235	638	306	300
300	12"	270	330	303	296	275	734	416	400
350	14"	290	382	351	296	309	827	416	400
400	16"	310	432	398	296	346	924	416	400
450	18"	330	484	450	400	392	1046	475	420
500	20"	350	535	501	400	427	1138	475	420
600	24"	390	636	602	400	509	1372	475	420
700	28"	430	726	692	440	572	1590	592	565
800	32"	470	826	792	440	638	1722	592	565
900	36"	510	926	892	440	700	2025	592	565
1000	40"	550	1028	992	440	765	2155	592	565
1200	48"	630	1228	1192	500	860	2360	640	626
1400	56"	710	1428	1392	500	986	2636	640	626
1600	64"	790	1628	1592	500	1106	2906	640	626

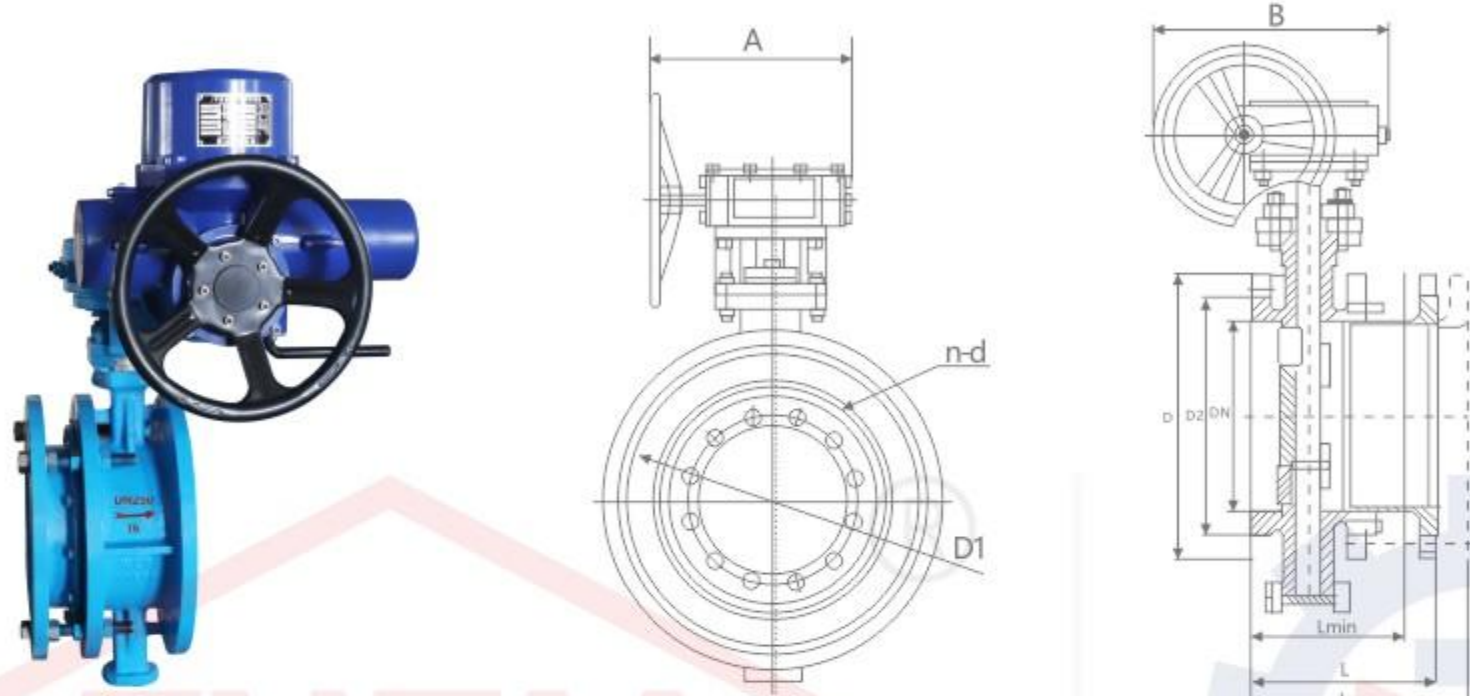
D363H(W)-25C(P.I.R.V)对焊式金属硬密封蝶阀butt Welding Metal Hard Seal Butterfly Valve
主要外形及连接尺寸main Shape And Connection Size

公称通径 Nominal Diamter		标准值standard Value 尺寸/mm(2.5Mpa)dimension							
		L	D1	D2	D0	H	H0	A	B
80	3"	180	90	78	157	90	350	194	186
100	4"	190	110	96	157	103	376	194	186
125	5"	200	135	121	205	113	410	268	252
150	6"	210	161	146	205	130	468	268	252
200	8"	230	222	202	235	205	586	306	300
250	10"	250	278	254	235	235	638	306	300
300	12"	270	330	303	296	275	734	415	400
350	14"	290	382	351	296	309	827	415	400
400	16"	310	432	398	296	346	924	415	400
450	18"	330	484	450	400	392	1046	475	420
500	20"	350	535	501	400	427	1138	475	420
600	24"	390	636	602	400	509	1372	475	420
700	28"	430	726	692	440	575	1590	592	565
800	32"	470	826	792	440	638	1722	592	565
900	36"	510	926	892	440	700	2025	592	565
1000	40"	550	1028	992	440	765	2155	592	565
1200	48"	630	1228	1192	500	860	2360	640	526
1400	56"	710	1428	1392	500	986	2636	640	526

SD343H/F/Y/W伸缩蝶阀

SD343H/F/Y/W Telescopic Butterfly Valve

H 6
SD343F-10系列蜗轮传动法兰式伸缩蝶阀 Worm Gear Drive Flange Type Telescopic Butterfly Valve
X 16



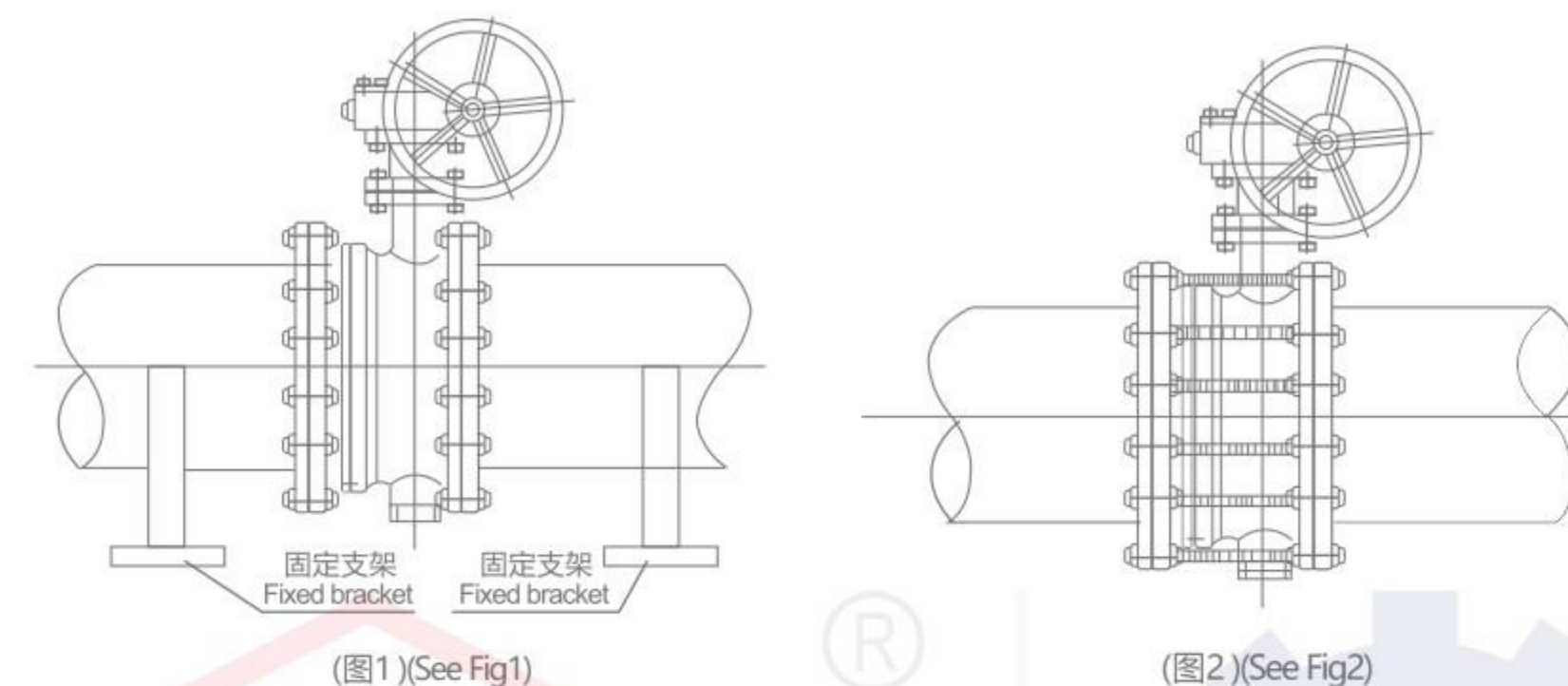
伸缩蝶阀安装使用注意事项 Precautions For Installation And Use Of Telescopic Butterfly Valve

- 1、伸缩蝶阀在安装前必须平放，切勿随意磕碰。
- 2、伸缩蝶阀出厂时结构长度为最小长度，安装时，拉至安装长度(b)即设计长度。
- 3、当管道间长度超过伸缩阀长度时，请调整管道间隔，切勿强行拉伸伸缩阀，以免损坏伸缩阀。
- 4、伸缩蝶阀可在任意位置安装，做温度补偿用，在管道安装完成后，需沿管道轴线方向两端加支架，防止伸缩阀伸缩管拉出(b)见图1)、支架的承载力按下式计算，运行时严禁将支架卸掉。 $F > \pi/4 p_s \cdot d_n^2 \cdot (kgf)$ 式中： p_s 管道试验压力， d_n 管道直径
- 5、伸缩蝶阀不做温度补偿时，只做安装更换、维修阀1方使用时，可用通螺栓限位对称夹紧伸缩蝶阀以防止伸缩管 拉出(b)见图2)、损坏伸缩蝶阀及管道装置或建筑物。螺栓直径可按照法兰螺栓直径，其螺栓强度和承受试验压力及管道拉力，按上公式进行计算，运行时限位螺栓严禁卸掉(b)螺栓另配)。
- 6、管道施工现场严禁随意拆卸解体伸缩蝶阀。
- 7、本伸缩蝶阀，加工精细，配合严密，请勿在现场随意反复拉压长短伸缩蝶阀。管道安装时，要求伸缩阀两端管道必须同心，管道上的两法“要求平行。
- 8、法兰固定螺栓应对称紧固。请勿单边强行紧固法兰固定螺栓。
- 9、伸缩管安装在阀门后。
- 10、伸缩阀伸缩部分不得安装在管道拐角处或管道末端。

1. The telescopic butterfly valve must be placed flat before installation, and do not bump it at will.
2. The structural length of the telescopic butterfly valve is the minimum length when it leaves the factory. When installed, it is pulled to the installation length (b), which is the design length).
3. When the length between the pipes exceeds the length of the telescopic valve, please adjust the pipe interval and do not force the telescopic valve to avoid damage to the telescopic valve.
4. The telescopic butterfly valve can be installed at any position for temperature compensation. After the installation of the pipeline is completed, brackets should be added along the axis of the pipeline to prevent the telescopic valve telescopic tube from being pulled out (b) see Figure 1), the supporting force of the bracket Calculate according to the following formula, and it is strictly forbidden to remove the bracket during operation. $F > \pi/4 p_s \cdot d_n^2 \cdot (kgf)$ where: p_s pipe test pressure, d_n pipe diameter
5. When the telescopic butterfly valve is not used for temperature compensation, it is only for installation, replacement, and maintenance. When the valve is used by us, the telescopic butterfly valve can be clamped symmetrically with a through bolt limit to prevent the telescopic tube from being pulled out (b) see Figure 2) and damage the telescopic butterfly valve And plumbing fixtures or buildings. The bolt diameter can be calculated according to the flange bolt diameter, the bolt strength and the test pressure and the pipe tension, according to the above formula. The limit bolts are strictly prohibited to be removed during operation (b) Bolts are allocated separately).
6. It is strictly forbidden to disassemble the disassembled telescopic butterfly valve at the pipeline construction site.
7. This stretch-and-string butterfly valve is finely processed and closely matched. Please do not repeatedly stretch and shorten the stretch butterfly valve on site. When installing the pipeline, the pipes at both ends of the telescopic valve must be concentric, and the two methods on the pipeline must be parallel.
8. Flange fixing bolts should be tightened symmetrically. Do not forcibly tighten the flange fixing bolts unilaterally.
9. The telescopic tube is installed behind the valve.
10. The expansion part of the expansion valve shall not be installed at the corner of the pipeline or at the end of the pipeline.

SD343H/F/Y/W伸缩蝶阀

SD343H/F/Y/W Telescopic Butterfly Valve



用途use

该阀门适用于石油、化工、食品、医药、轻纺、造纸、电力、给排水、输气管道上作调节流量和截止介质之用，具有补偿管道热胀冷缩的功能。

特点Features

- 1、设计新颖合理、结构独特、重量轻、操作方便、起笔迅速。
- 2、本伸缩蝶阀既能作调节流量和截止介质之用，又能补偿管道温差所产生的热胀冷缩，并便于拆卸和安装，为一阀多用产品。
- 3、密封部位可调节更换，密封性能可靠。

H 6
SD343F-10系列连接尺寸Connection size
X 16

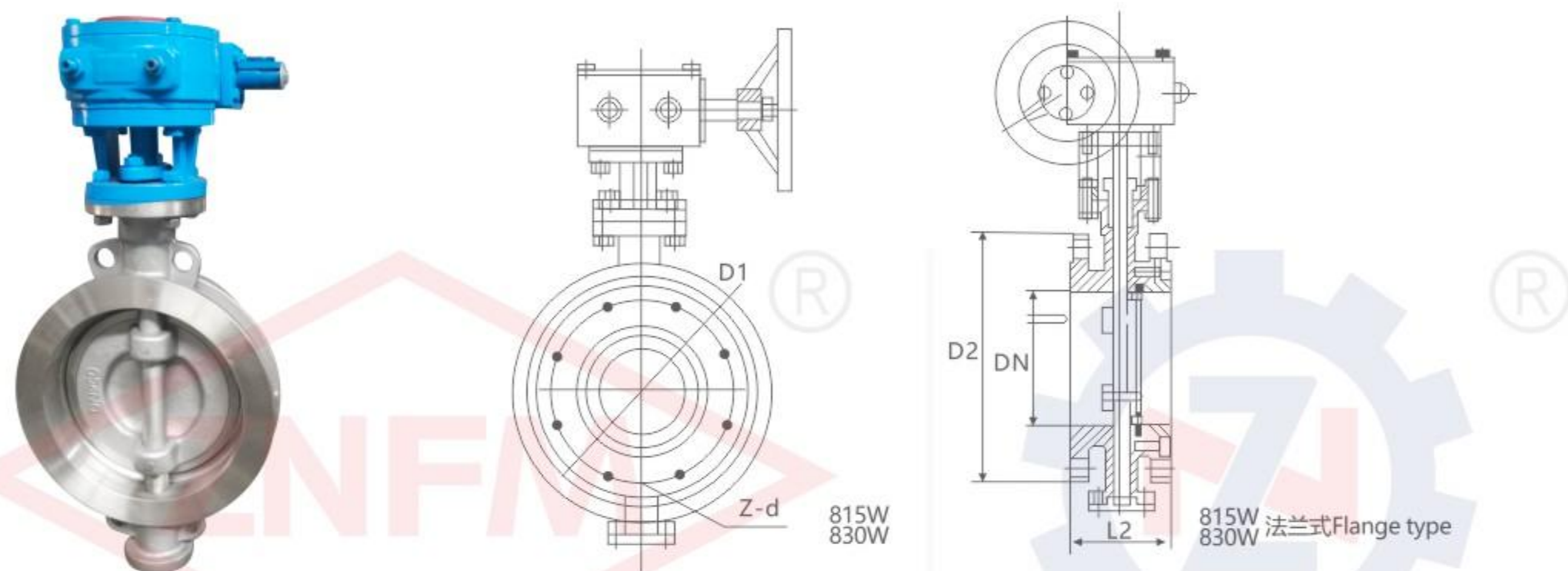
公称 口径 Nominal diameter 毫米 mm	结构长度 (参考值) Structure length (reference value)			法兰尺寸和螺栓孔尺寸 (标准值) Flange size and bolt hole size (standard value)												外形尺寸 (参考值) Dimensions (reference value)			
	最大 长度 LMax	最小 长度 LMin	安装 长度 L Design Length	PN0.6Mpa				PN1.0Mpa				PN1.6Mpa				H	H1	A	B
				D	D1	D2	Z-d	D	D1	D2	Z-d	D	D1	D2	Z-d				
50	186	156	171	140	110	88	4-14	165	125	99	4-18	165	125	99	4-18	80	309	180	200
65	190	160	175	160	130	108	4-14	185	145	118	4-18	185	145	118	4-18	95	337	180	200
80	200	166	182	190	150	124	4-18	200	160	132	8-18	200	160	132	8-18	98	347	180	200
100	228	188	208	210	170	144	4-18	220	180	156	8-18	220	180	156	8-18	114	373	180	200
125	240	200	220	240	200	174	8-18	250	210	184	8-18	250	210	184	8-18	128	405	180	200
150	246	206	226	265	225	199	8-18	285	240	211	8-22	285	240	211	8-22	139	440	270	280
200	265	219	242	320	280	254	8-18	340	295	266	8-22	340	295	266	12-22	174	612	400	425
250	280	230	255	375	335	309	12-18	395	350	319	12-22	405	350	319	12-26	215	693	400	425
300	310	260	285	440	395	363	12-22	445	400	370	12-22	460	400	370	12-26	245	747	450	560
350	310	260	285	490	445	413	12-22	505	460	429	16-22	520	460	429	16-26	270	802	450	560
400	360	300	330	540	495	463	16-22	565	515	480	16-26	580	515	480	16-30	305	991	535	580
450	360	300	330	595	550	518	16-22	615	565	530	20-26	640	565	530	20-30	325	1037	535	580
500	360	300	330	645	600	568	20-22	670	620	582	20-26	715	620	582	20-33	360	1127	535	580
600	420	350	385	755	705	667	20-26	780	725	682	20-30	840	725	682	20-36	445	1377	570	660
700	420	350	385	860	810	772	24-26	895	840	794	24-30	910	840	794	24-36	505	1496	750	550
800	470	400	435	975	920	878	24-30	1015	950	901	24-33	1025	950	901	24-39	560	1584	750	550
900	470	400	435	1075	1020	978	24-30	1115	1050	1001	28-33	1125	1050	1001	28-39	630	1676	750	550
1000	580	500	540	1175	1120	1078	28-30	1230	1160	1112	28-36	1255	1160	1112	28-42	680	1760	900	750
1200	630	550	590	1405	1340	1295	32-33	1455	1380	1328	32-39	1485	1380	1328	32-48	795	2018	1000	925
1400	730	650	690	1630	1560	1510	36-36	1675	1590	1530	36-42	1685	1590	1530	36-48	900	2363	1000	925
1600	800	700	750	1830	1760	1710	40-36	1915	1820	1750	40-48	1930	1820	1750	40-56	1100	2723	1000	925
1800	850	750	800	2045	1970	1918	44-39	2115	2020	1950	44-48	2130	2020	1950	44-56	1124	2844	1100	980
2000	950	850	900	2265	2180	2125	48-42	2325	2230	2150	48-48	2345	2230	2150	48-60	1292	3127	1100	980

D373W美标对夹式蝶阀

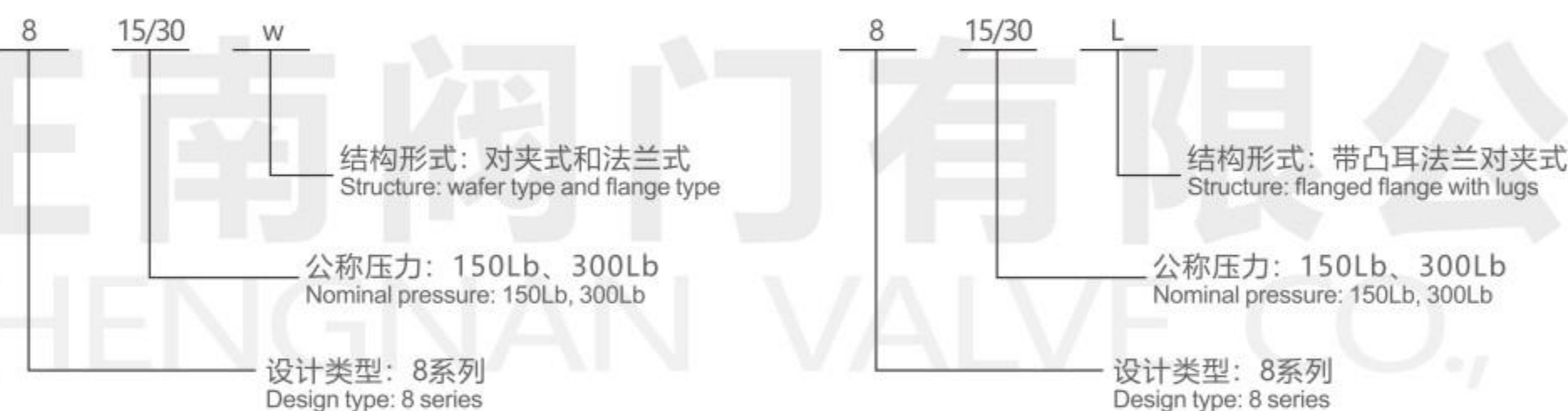
D373W American Standard Wafer Butterfly Valve

美标 对夹、双法兰式金属硬密封
对夹、单法兰式氟塑料密封 蝶阀 815 W 815 系列
830 W 830 系列

API Wafer, double flange type metal hard seal
Wafer, single flange type fluoroplastic seal Butterfly valve 815 W 815 series
830 W 830 series



型号说明 Model Description



用途及特点 Uses and characteristics

815、830系列蝶阀的主要结构特征为对夹式和法兰式三偏心结构，而815、930I系列蝶阀的主要结构特征为阀体周边带凸耳且设计成带螺孔单法兰结构。815、530系列蝶阀广泛应用于石油、化工及工业环保水处理，高层建筑，给排水等管道上。其特点为：由于采用的是三偏心结构，密封性能可靠，确保开启时蝶板不接触密封座，消除密封座不均匀负载，延长了使用寿命，确保可靠的密封性能具有耐高温、耐磨损、耐腐蚀等优点。

The main structural features of the 815 and 830 series butterfly valves are the wafer type and flanged triple eccentric structure, while the main structural characteristics of the 815 and 930I series butterfly valves are that the body has a lug around the body and is designed as a single flange structure with a screw hole. 815 and 530 series butterfly valves are widely used in petroleum, chemical and industrial environmental protection water treatment, high-rise buildings, water supply and drainage pipelines. Its characteristics are: due to the triple eccentric structure, the sealing performance is reliable, ensuring that the butterfly plate does not touch the sealing seat when opening, eliminating the uneven load of the sealing seat, prolonging the service life, ensuring reliable sealing performance, high temperature resistance and wear resistance, Corrosion resistance and other advantages.

D373W美标对夹式蝶阀

D373W American Standard Wafer Butterfly Valve

采用标准 Adopt Standards

设计标准 design standards: API609
法兰连接尺寸 Flange connection size: ASME B16.5
结构长度 Structure length: ASME B16.10
压力试验 Pressure test: API598-2004

主要技术参数 The main technical parameters

公称通径 Nominal diameter	DN(mm)	830W	830L
		2"-36"	2"-36"
公称压力 Nominal pressure	PN(MPa)	150LB	300LB
试验压力Ps(MPa) test pressure	强度试验Strength test	3.0	7.5
	密封试验Sealing test	2.2	5.5
适用介质 Applicable medium	水、蒸汽、油品、海水等		
适用温度 proper temperature	-29~425℃		

主要零件的材质 Material of main parts

零件名称 Part Name	材料 material
阀体 Valve body	WCB, WCC, LCB, CF8, CF3, CF8M, CF3M, 310S
蝶板 Butterfly board	WCB, 304, 304L, 316, 316L, 310S
阀杆 Stem	2Cr13, 304, 316L, 310S, 17-4PH
密封圈 Sealing ring	四氟、复合叠层、硬质合金 PTFE, composite laminate, cemented carbide
填料 filler	柔性石墨、氟塑料 Flexible graphite, fluoroplastics

美标对夹式蝶阀 (150LB) American Standard Wafer Butterfly Valve

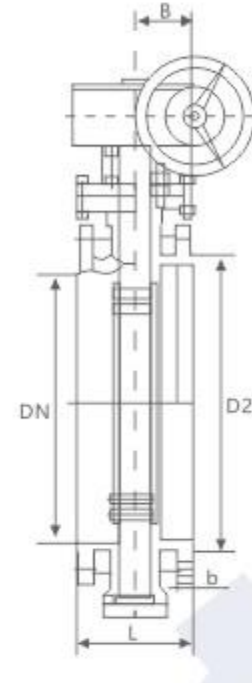
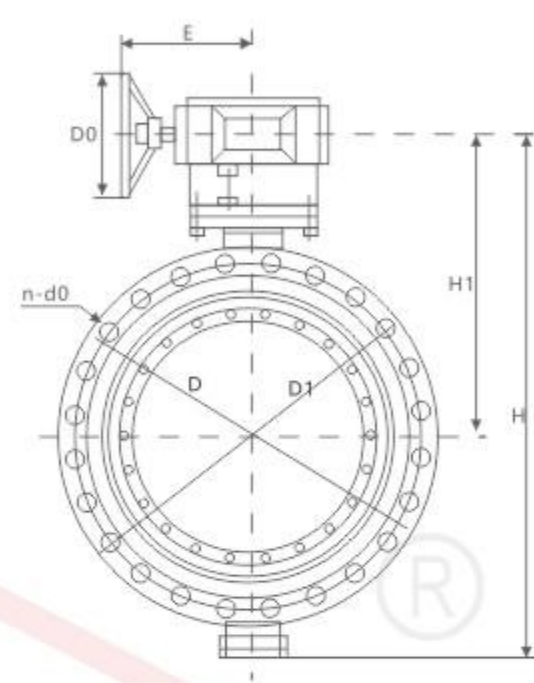
公称通径 Nominal diameter		尺寸 Size			
		L	D1	D2	Z-d
50	2"	43	120.5	92	4-19
65	2 1/2"	46	139.5	105	4-19
80	3"	48	152.5	127	4-19
100	4"	54	190.5	157	8-19
125	5"	56	216	186	8-22
150	6"	57	241.5	216	8-22
200	8"	64	298.5	270	8-22
250	10"	71	362	324	12-25
300	12"	81	432	381	12-25
350	14"	92	476	413	12-29
400	16"	102	540	470	16-29
450	18"	114	578	533	16-32
500	20"	127	635	584	20-32
600	24"	154	750	692	20-35
700	28"	165	864	800	28-35
800	32"	190	978	914	28-41
900	36"	203	1086	1022	32-41
1000	40"	216	1200	1124	36-41

美标对夹式蝶阀 (300LB) American Standard Wafer Butterfly Valve

公称通径 Nominal diameter		尺寸 Size			
		L	D1	D2	Z-d
50	2"	43	127	92	8-19
65	2 1/2"	46	149	105	8-22
80	3"	48	168.5	127	8-22
100	4"	54	200	157	8-22
125	5"	56	235	186	8-22
150	6"	59	270	216	12-22
200	8"	73	330	270	12-25
250	10"	83	387.5	324	16-29
300	12"	92	451	381	16-32
350	14"	117	514.5	413	20-32
400	16"	133	571.5	470	20-35
450	18"	149	628.5	533	24-35
500	20"	159	686	584	24-35
600	24"	181	813	692	24-41
750	28"	229	997	857	28-49
900	36"	241	1168	1022	32-52

API美标A系列法兰蝶阀

API American Standard A Series Flanged Butterfly Valve



密封圈在蝶板上
Seal Ring On Disc

密封圈在阀体上
Seal Ring On Body

主要外形尺寸及重量 Main Dimensions And Weight

D343H-150LB(A系列) 法兰蝶阀 (A Series) Flange butterfly													
NPS	DN	D	D1	凸面D2 Tunisia face	凸台f1 Boss	b	n-d0	短结构 Short panitem	H	H1	B	E	D0
3"	80	190	152.5	127	1.6	24	4×18	114	472	350	50	130	203
4"	100	230	190.5	175.5	1.6	24	8×18	127	520	375	60	188	203
6"	150	280	241.5	216	1.6	24.5	8×22	140	580	410	67	220	305
8"	200	345	298.5	270	1.6	29	8×22	152	650	440	90	260	460
10"	250	405	362	324	1.6	30.5	12×26	165	700	460	90	260	460
12"	300	485	432	381	1.6	32	12×26	178	800	530	100	295	610
14"	350	535	476	413	1.6	35	12×29.5	190	980	675	100	320	356
16"	400	600	540	470	1.6	37	16×29.5	216	1042	710	120	320	457
18"	450	635	578	533.5	1.6	40	16×32.5	222	1110	750	120	340	610
20"	500	700	635	584	1.6	43	20×32.5	229	1170	760	140	340	762
24"	600	815	749.5	692	1.6	48	20×35	267	1225	777	140	360	762
26"	650	870	806.5	749.5	1.6	68.5	24×35	267	1280	805	155	360	315
28"	700	927	863.5	800	1.6	71	28×35	292	1330	827	155	360	400
30"	750	985	914.5	857	1.6	75	28×35	308	1385	853	155	435	400
32"	800	1060	978	914.5	1.6	81	28×41	318	1440	870	190	435	4000
36"	900	1170	1086	1022.5	1.6	83	32×41	330	1530	905	230	580	400
38"	950	1240	1149.5	1073	1.6	87	32×41	330	1610	950	230	580	400
40"	1000	1290	1200	1124	1.6	90	36×41	410	1660	965	230	580	400
42"	1050	1346	1257.5	1194	1.6	97	36×41	410	1720	997	230	580	400
44"	1100	1405	1314.5	1244.5	1.6	102	40×41	410	1780	1027	263	620	450
46"	1150	1455	1365	1295.5	1.6	103	40×41	470	1830	1053	263	620	450
48"	1200	1511	1422.5	1359	1.6	108	44×41	470	1920	1115	263	620	450
50"	1250	1570	1479.5	1410	1.6	111	44×48	470	1980	1160	263	620	450
52"	1300	1625	1536.5	1460.5	1.6	116	44×48	470	2030	1168	263	620	450
54"	1350	1683	1594	1511	1.6	121	44×48	470	2093	1203	310	690	500
56"	1400	1746	1651	1575	1.6	124	48×48	530	1260	1235	310	690	500
58"	1450	1805	1708	1625.5	1.6	128	48×48	530	2220	1265	310	690	500
60"	1500	1855	1759	1676.5	1.6	132	52×48	530	2270	1293	310	690	500

API美标A系列法兰蝶阀

API American Standard A Series Flanged Butterfly Valve

主要外形尺寸及重量 Main Dimensions And Weight

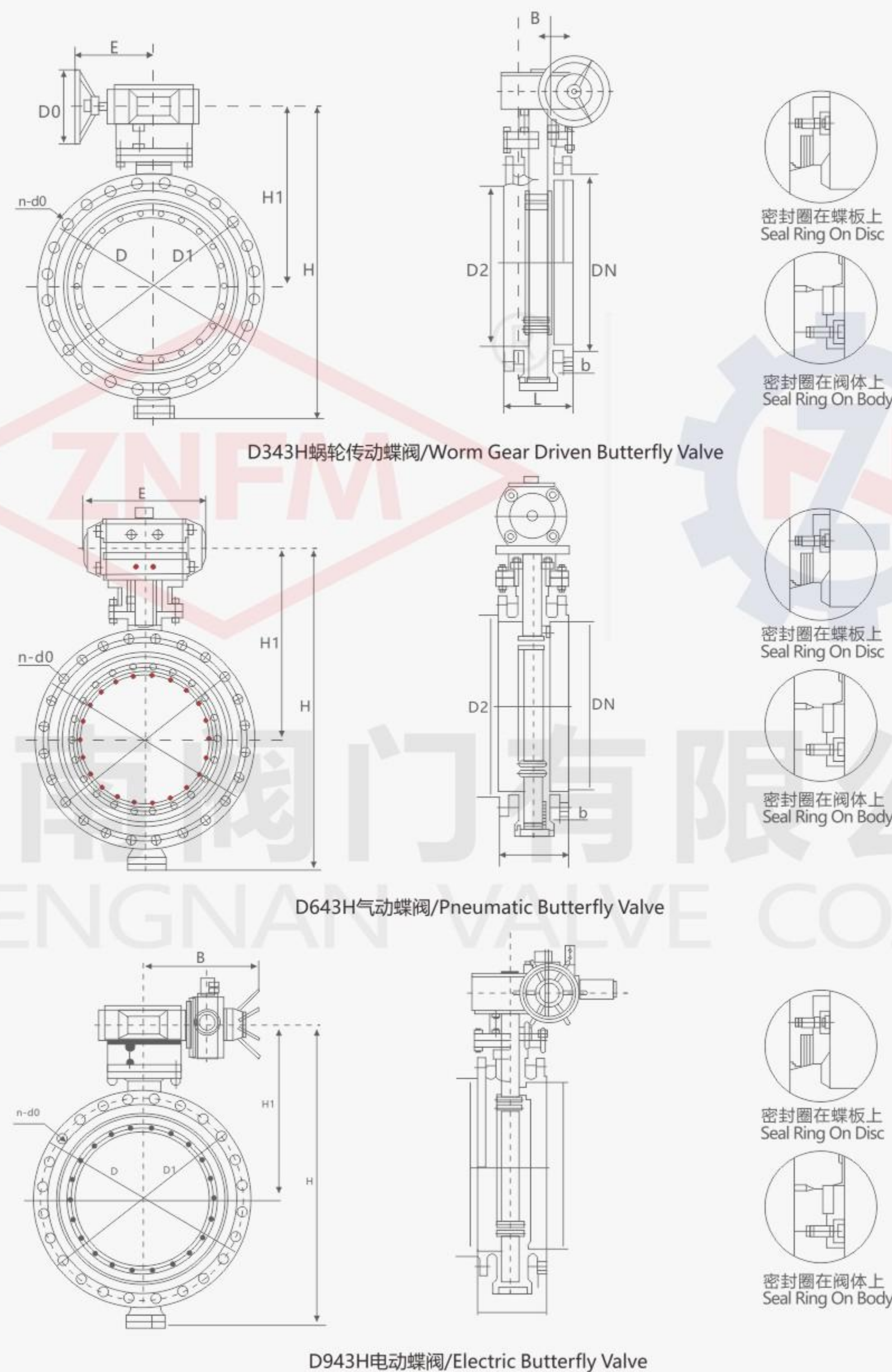
D343H-300LB(A系列) 法兰蝶阀 (A Series) Flange butterfly													
NPS	DN	D	D1	凸面D2 Tunisia face	凸台f1 Boss	b	n-d0	短结构 Short panitem	H	H1	B	E	D0
3"	80	210	168.5	127	1.6	29	8×22	180	378	253	73	229	152
4"	100	255	200	157.5	1.6	32	8×22	190	421	274	73	229	305
6"	150	320	270	216	1.6	34	12×22	210	543	351	108	254	305
8"	200	380	330	270	1.6	41.5	12×26	230	628	392	108	254	305
10"	250	445	387.5	324	1.6	48	16×29.5	250	855	480	133	305	610
12"	300	520	451	381	1.6	51	16×32.5	270	812	515	1333	305	610
14"	350	585	514.5	413	1.6	54	20×32.5	290	885	555	175	256	610
16"	400	650	571.5	470	1.6	57.5	20×35.5	310	951	590	175	356	356
18"	450	710	628.5	533.5	1.6	60.5	24×35.5	330	1020	615	175	356	356
20"	500	775	686	584	1.6	63.5	24×35.5	350	1080	653	175	356	356
24"	600	915	813	692	1.6	70	24×42	390	1200	759	210	435	400
26"	650	927	876.5	749.5	1.6	84	28×44	390	1277	764	210	435	400
28"	700	1035	940	800	1.6	90	28×44	430	1385	817	210	435	400
30"	750	1092	997	857	1.6	95	28×48	430	1442	846	250	580	425
32"	800	1150	1054	914.5	1.6	100	28×51	470	1555	930	250	580	425
36"	900	1270	1168.5	1022.5	1.6	111	32×54	510	1640	955	250	580	425
38"	950	1170	1092	1029	1.6	108	32×41	510	1540	905	300	620	450
40"	1000	1240	1155.5	1086	1.6	114	32×44	550	1630	960	300	620	450
42"	1050	1290	1206.5	1136.5	1.6	119	32×44	550	1650	955	300	620	450
44"	1100	1353	1263.5	1194	1.6	124	32×48	550	1723	997	300	620	450
46"	1150	1416	1321	1244.5	1.6	128	28×51	630	1790	1032	350	690	500
48"	1200	1467	1371.5	1302	1.6	133	32×51	630	1840	1056	350	690	500
50"	1250	1530	1429	1359	1.6	140	32×54	630	1900	1100	350	690	500
52"	1300	1581	1479.5	1410	1.6	144	32×54	630	1950	1126	420	820	520
54"	1350	1658	1549.5	1467	1.6	152	28×60.5	710	2030	1150	420	820	520
56"	1400	1710	1600	1517.5	1.6	154	28×60.5	710	2080	1175	420	820	520
58"	1450	1760	1651	1575	1.6	159	32×60.5	710	2130	1200	530	1020	600
60"	1500	1810	1702	1625.5	1.6	163	32×60.5	710	2180	1225	530	1020	600

主要外形尺寸及重量 Main dimensions and weight

D343H-600LB(A系列) 法兰蝶阀 (A Series) Flange butterfly													
NPS	DN	D	D1	凸面D2 Tunisia face	凸台f1 Boss	b	n-d0	短结构 Short panitem	H	H1	B	E	D0
6"	150	355	292	216	6.4	48	12×29.5	210	680	480	130	320	300
8"	200	420	349	270	6.4	55.5	12×32.5	230	750	515	130	320	300
10"	250	510	432	324	6.4	63.5	16×35.5	250	840	560	130	320	300
12"	300	560	489	381	6.4	67	20×35.5	270	890	580	155	340	350
14"	350	605	527	413	6.4	70	20×39	290	955	625	175	360	350
16"	400	685	603	470	6.4	76.5	20×42	310	1035	665	175	360	350
18"	450	745	654	533.5	6.4	83	20×45	330	1095	693	175	360	350
20"	500	815	724	584	6.4	89	24×45	350	1165	730	210	435	400
24"	600	940	838	692	6.4	102	24×51	390	1290	805	250	580	425
26"	650	1016	914.5	749.5	6.4	108	28×51	390	1386	860	250	580	425
28"	700	1073	965	800	6.4	111.5	28×54	430	1443	893	300	620	450
30"	750	1130	1022.5	857	6.4	114.5	28×54	430	1500	920	300	620	450
32"	800	1194	1079.5	914.5	6.4	117.5	28×60.5	470	1565	950	350	690	500
36"	900	1315	1194	1022.5	6.4	124	28×66.5	510	1685	1010	350	690	500

API大口径美标B系列法兰蝶阀

API Large Diameter American Standard B Series Flange Butterfly Valve



D343H蜗轮传动蝶阀/Worm Gear Driven Butterfly Valve

D643H气动蝶阀/Pneumatic Butterfly Valve

D943H电动蝶阀/Electric Butterfly Valve

API大口径美标B系列法兰蝶阀

API Large Diameter American Standard B Series Flange Butterfly Valve

主要外形尺寸及重量 Main Dimensions And Weight

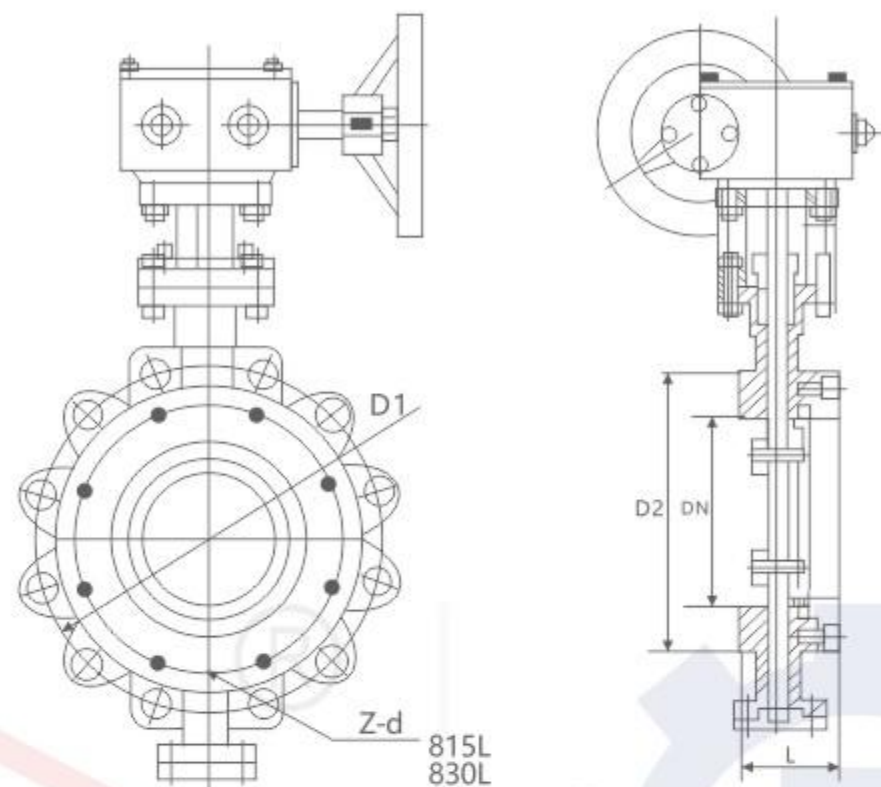
D343 _F ^H -150LB(B系列) 法兰蝶阀 (B Series) Flange butterfly													
NPS	DN	D	D1	凸面D2 Tunisia face	凸台f1 Boss	b	n-d0	短结构 Short panitem	H	H1	B	E	D0
26"	650	786	744.5	711	1.6	41.5	36×225	267	1100	670	155	360	300
28"	700	837	795.5	762	1.6	44.5	40×225	292	1157	703	155	360	300
30"	750	888	846	813	1.6	44.5	44×225	308	1210	730	155	360	300
32"	800	942	900	863.5	1.6	46	48×225	318	1275	756	190	435	300
34"	850	1005	957.5	921	1.6	49.5	40×25.5	318	1330	783	190	435	300
36"	900	1057	1009.5	971.5	1.6	52.5	44×25.5	330	1390	833	210	580	350
38"	950	1124	1070	1022.5	1.6	54	40×28.5	330	1414	865	230	580	350
40"	1000	1175	1120.5	1079.5	1.6	56	44×28.5	410	1510	891	230	580	350
42"	1050	1226	1171.5	1130.5	1.6	59	48×28.5	410	1560	920	230	580	350
44"	1100	1277	1222	1181	1.6	60.5	52×28.5	410	1610	943	263	620	350
46"	1150	1342	1284	1235	1.6	62	40×32	470	1677	975	263	620	400
48"	1200	1392	1335	1289	1.6	65	44×32	470	1747	1050	263	620	400
50"	1250	1443	1386	1340	1.6	68.5	48×32	470	1975	1075	263	620	400
52"	1300	1494	1436.5	1390.5	1.6	70	52×32	470	1850	1100	263	620	400
54"	1350	1550	1492.5	1441.5	1.6	71.5	56×32	470	1910	1124	310	690	400
56"	1400	1600	1543	1492.5	1.6	73.5	60×32	530	1960	1150	310	690	400
58"	1450	1675	1611.5	1543	1.6	75	48×35	530	2035	1187	310	690	450
60"	1500	1726	1662	1600	1.6	76.5	52×35	530	2087	1213	310	690	450

主要外形尺寸及重量 Main Dimensions And Weight

D343 _F ^H -300LB(B系列) 法兰蝶阀 (B Series) Flange butterfly													
NPS	DN	D	D1	凸面D2 Tunisia face	凸台f1 Boss	b	n-d0	短结构 Short panitem	H	H1	B	E	D0
26"	650	867	803	736.5	1.6	89	32×35	390	1197	734	210	435	400
28"	700	921	857	787.5	1.6	89	36×35	430	1251	761	210	435	400
30"	750	991	920.5	844.5	1.6	94	36×38	430	1321	796	210	435	400
32"	800	1054	978	901.5	1.6	103.5	32×41	470	1395	840	250	580	425
34"	850	1108	1031.5	952.5	1.6	103.5	36×41	470	1450	865	250	580	425
36"	900	1172	1089	1009.5	1.6	103.5	32×44.5	510	1525	916	250	580	425
38"	950	1222	1140	1060.5	1.6	111.5	36×44.5	510	1580	951	300	620	450
40"	1000	1273	1191	1114.5	1.6	116	40×44.5	550	1633	977	300	620	450
42"	1050	1334	1244.5	1168.5	1.6	119.5	36×48	550	1694	1010	300	620	450
44"	1100	1385	1295.5	1219	1.6	127	40×48	550	1750	1033	350	620	450
46"	1150	1461	1365.5	1270	1.6	128.5	36×51	630	1825	1071	350	690	500
48"	1200	1511	1416	1327	1.6	128.5	40×51	630	1893	1106	350	690	500
50"	1250	1562	1467	1378	1.6	138.5	44×51	630	1942	1131	350	690	500
52"	1300	1615	1517.5	1429	1.6	143	48×51	630	1995	1157	420	820	520
54"	1350	1674	1578	1479.5	1.6	137	48×51	710	2055	1187	420	820	520
56"	1400	1766	1654	1536.5	1.6	154	36×60.5	710	2166	1253	420	820	520
58"	1450	1828	1713	1594	1.6	154	40×60.5	710	2228	1284	455	1020	600
60"	1500	1878	1764	1651	1.6	151	40×60.5	710	2278	1310	455	1020	600

美标凸耳式蝶阀

API Lug Butterfly Valve



美标815L/830L系列 API815L/830L Series

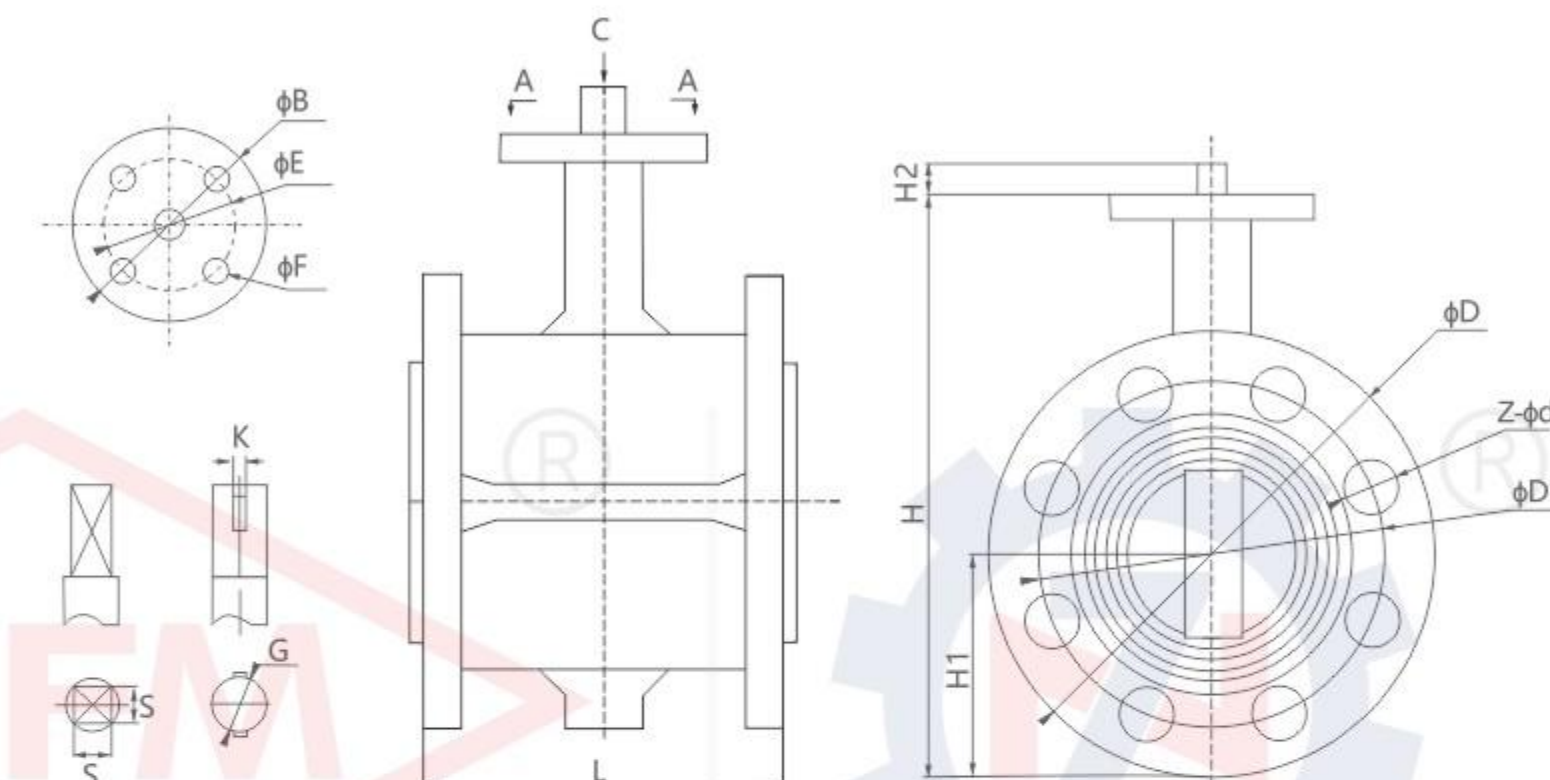
主要外形尺寸及重量 Main Dimensions And Weight

公称通径 Nominal diameter		尺寸/mmDimension							
		Class150				Class300			
		L	D1	D2	Z-d	L	D1	D2	Z-d
mm	inch								
50	2"	43	120.5	92	4-19	43	127	92	8-19
65	2 1/2"	46	139.5	105	4-19	46	149	105	8-22
80	3"	48	152.5	127	4-19	48	168.5	127	8-22
100	4"	54	190.5	157	8-19	54	200	157	8-22
125	5"	56	216	186	8-22	56	235	186	8-22
150	6"	57	241.5	216	8-22	59	270	216	12-22
200	8"	64	298.5	270	8-22	73	330	270	12-25
250	10"	71	362	324	12-25	83	387.5	324	16-29
300	12"	81	432	381	12-25	92	451	381	16-32
350	14"	92	476	413	12-29	117	514.5	413	20-32
400	16"	102	540	470	16-29	133	571.5	470	20-35
450	18"	114	578	533	16-32	149	628.5	533	24-35
500	20"	127	635	584	20-32	159	686	584	24-35
600	24"	154	750	692	20-35	181	813	692	24-41
700	28"	165	864	800	28-35	229	997	857	28-49
800	32"	190	978	914	28-41	-	-	-	-
900	36"	203	1086	1022	32-41	-	-	-	-
1000	40"	216	1200	1124	36-41	-	-	-	-

公称通径 Nominal diameter		尺寸/mmDimension									
		Class600					Class900				
mm	inch	L	D1	D2	Z-d	N-UN	L	D1	D2	Z-d	N-UN
80	3"	54	168.3	127	4-22	8-3/4"	64	190.5	127	4-26	8-7/8"
100	4"	64	215.9	157	4-26	8-7/8"	80	235.0	157	4-32	8-1 1/8"
150	6"	78	292.1	216	4-28	12-1"	104	317.5	216	4-32	12-1 1/8"
200	8"	102	349.2	270	4-32	12-1 1/8"	112	393.7	270	4-38	12-1 3/8"
250	10"	117	431.8	324	4-35	16-1 1/4"	135	469.9	324	4-38	16-1 3/8"
300	12"	140	489.0	381	4-35	20-1 1/4"	170	533.4	381	4-38	20-1 3/8"
350	14"	155	527.0	413	4-38	20-1 3/8"	190	558.8	413	4-42	20-1 1/2"
400	16"	178	603.2	470	4-42	20-1 1/2"	202	616.0	470	4-45	20-1 5/8"
450	18"	200	654.0	533	4-45	20-1 5/8"	230	685.8	533	4-50	20-1 7/8"
500	20"	216	723.9	584	4-45	24-1 5/8"	252	749.3	584	4-55	24-2"
600	24"	232	838.2	692	4-50	24-1 7/8"	312	901.7	692	4-68	20-2 1/2"

中线法兰式蝶阀结构及连接尺寸

Centerline flanged butterfly valve structure and connection size



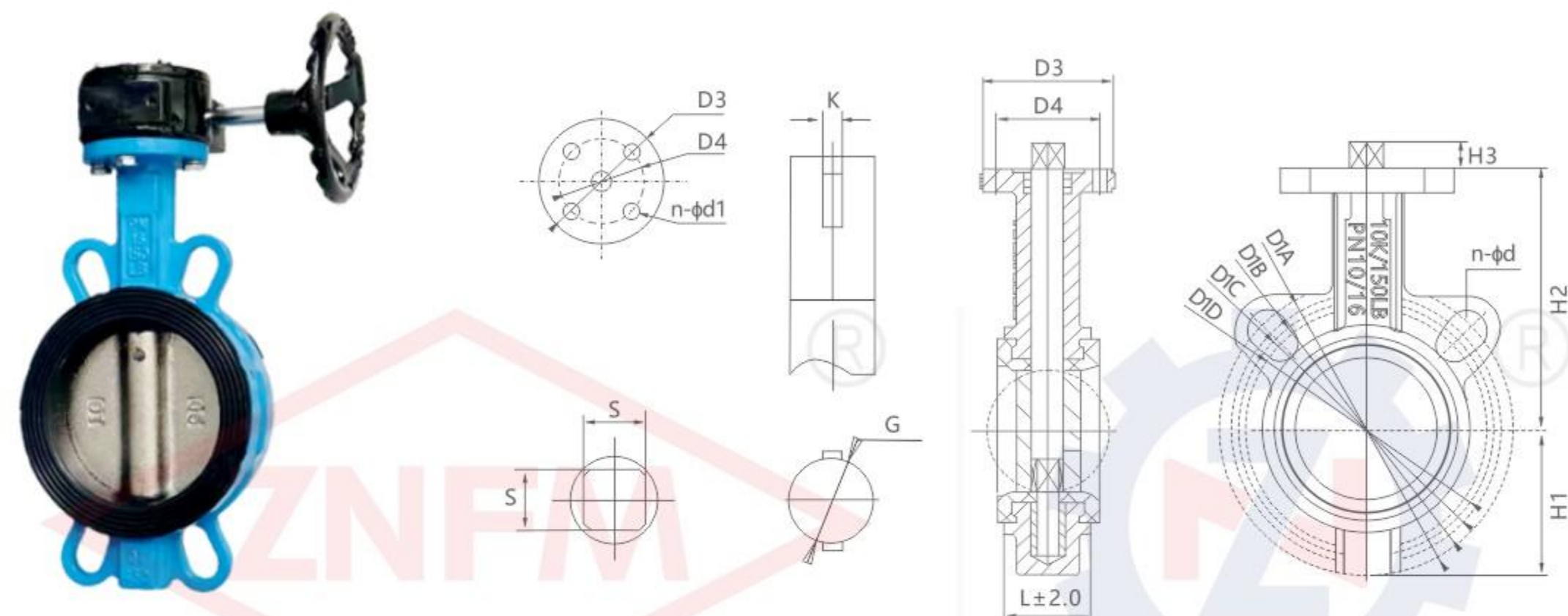
主要外形尺寸及重量 Main Dimensions And Weight

公称通径 Nominal diameter	L	D1	D	Z-φd	H	H1	S*S/G	K	B	E	4-φF	H2	扭矩 N.m
		0.6/1.0/1.6	0.6/1.0/1.6	0.6/1.0/1.6						#			
50	108	110/125/125	140/165/165	4-14/4-18/4-18	200	80	9*9/12.6	1-3	65	50	4-7.5	27	22
65	112	130/145/145	160/185/185	4-14/4-18/4-18	219	89	9*9/12.6	1-3	65	50	4-7.5	27	28
80	114	150/160/160	190/200/200	4-18/8-18/8-18	240	95	9*9/12.6	1-3	65	50	4-7.5	27	44
100	127	170/180/180	210/220/220	4-18/8-18/8-18	270	114	11*11/15.7	1-5	90	70	4-10	27	69
125	140	200/210/210	240/250/250	8-18/18-18/8-18	295	125	14*14/18.9	1-5	90	70	4-10	27	114
150	140	225/240/240	265/285/285	8-18/8-22/8-22	330	142	14*14/18.9	1-5	90	70	4-10	27	155
200	152	280/295/295	320/340/340	8-18/8-22/12-22	375	170	17*17/22	1-5	125	102	4-12	45	282
250	165	335/350/355	375/395/405	12-18/12-22/12-26	433	198	22*22/28.4	1-8	125	102	4-12	45	434
300	178	395/400/410	440/445/460	12-22/12-22/12-26	503	223	22*22/31.6	1-8	150	102/125	4-12/14	50	670
350	190	445/460/470	490/505/520	12-22/16-22/16-26	590	260	22*22/31.6	1-8	150	102/125	4-12/14	50	1000
400	216	495/515/525	540/565/580	16-12/16-26/16-30	660	290	27*27/33.2	1-10	197	125/140	4-14/18	64	1664
450	222	550/565/585	595/615/640	16-22/20-26/20-30	722	320	27*27/38	1-12	197	140/165	4-18-22	64	1890
500	229	600/620/650	645/670/715	20-22/20-26/20-33	900	400	41/36	1-12	197	165	4-22	64	2440
600	267	705/725/770	755/780/840	20-26/20-30/20-36	1027	457	36*36/41.1	2-16	210/276	165	4-22	70	3350
700	292	810/840/840	860/895/910	24-26/24-30/24-36	1072	490	36*36/50.6	2-18	300	254	8-18	82	5600
800	318	920/950/950	975/1015/1025	24-30/24-33/24-39	1155	525	46*46/62	2-20	300	254	8-18	82	7300
900	330	1020/1050/1050	1075/1115/1125	24-30/28-33/28-39	1260	570	55*55/75	2-22	300	254	8-18	118	10000
1000	410	1120/1160/1117	1175/1230/1255	28-30/28-36/28-42	1390	645	55*55/86	2-25	300	254	8-18	148	13000

中线对夹式蝶阀结构及连接尺寸

Centerline Wafer Type Butterfly Valve Structure and Connection Dimensions

PN10&PN16&150LB&10K

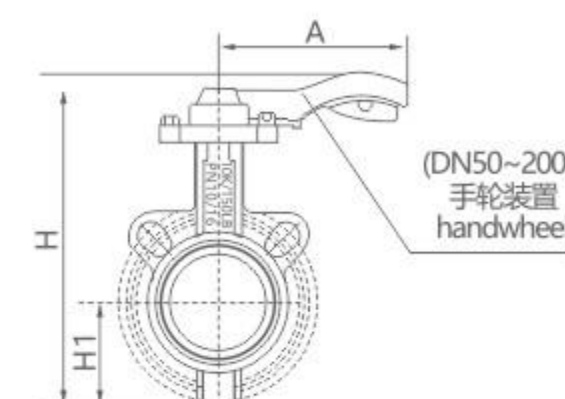


主要外形尺寸及重量 Main Dimensions And Weight

	DN	L	150LB	PN16	PN10	10K	150LB	PN16	PN10	10K	H1	H2	H3	S*S/G	K	D3	D4	n-φd1
			D1A	D1B	D1C	D1D	n-φd	n-φd	n-φd	n-φd								
1.1/2	40	42	98.4	110	110	105	4-19	4-18	4-18	4-16	67	133	14	9*9/12.6	3	65/90	50/70	4-7/10
2	50	42	120.7	125	125	120	4-19	4-18	4-18	4-16	67	133	14	9*9/12.6	3	65/90	50/70	4-7/10
2.1/2	65	45	139.7	145	145	140	4-19	8-18	8-18	4-16	75	137	14	9*9/12.6	3	65/90	50/70	4-7/10
3	80	45	152.4	160	160	150	4-19	8-18	8-18	8-16	82	159	14	9*9/12.6	3	65/90	50/70	4-7/10
4	100	52	190.5	180	180	175	8-19	8-18	8-18	8-16	105	171	18	11*11/15.7	5	90	70	4-10
5	125	54	215.9	210	210	210	8-22	8-18	8-18	8-20	118	189	22	14*14/18.9	5	90	70	4-10
6	150	54	214.3	240	240	240	8-22	8-22	8-22	8-20	135	209	22	14*14/18.9	5	90	70	4-10
8	200	59	298.5	295	295	290	8-22	12-22	12-22	12-20	165	258	24	17*17/22	5	125	102	4-12
10	250	66	362	355	350	355	12-26	12-26	12-22	12-22	200	299	30	22*22/28.4	8	125	102	4-12
12	300	77	413.8	410	400	400	12-26	12-26	12-22	16-22	230	337	30	22*22/31.6	8	150	125	4-14
14	350	77	476.3	470	460	445	12-29	16-26	16-22	16-22	274	350	45	22*22/31.6	8	158	125	4-14
16	400	86/102	539.8	525	515	510	12-29	16-30	16-26	16-24	304	405	50	27*27/33.2	10	175	140	4-18
18	450	105/114	577.9	585	565	565	16-32	20-30	20-26	20-24	335	409	50	27*27/38	10	175	140	4-22
20	500	130	635	650	620	620	30-32	20-33	20-26	20-24	368	460	60	36*36/41.1	10	210	165	4-22
24	600	151	749.3	770	725	730	20-33	20-36	20-30	24-30	428	516	70	36*36/50.6	16	210	165	4-22
28	700	163	863.6	840	840	840	28-35	24-36	24-30	24-30	520	648	80	46*46/62	18	300	254	8-18
32	800	190	977.9	950	950	850	28-39	24-39	24-33	28-30	580	668	80	46*46/62	18	300	254	8-18
36	900	203	1085.8	1050	1050	1050	32-39	28-39	28-33	28-30	656	720	118	55*55/75	20	300	254	8-18
40	1000	216	1200.2	1170	1160	1160	36-39	28-42	28-36	28-36	722	800	148	55*55/85	22	300	254	8-18

中线对夹式蝶阀结构及连接尺寸

Centerline Wafer Type Butterfly Valve Structure and Connection Dimensions



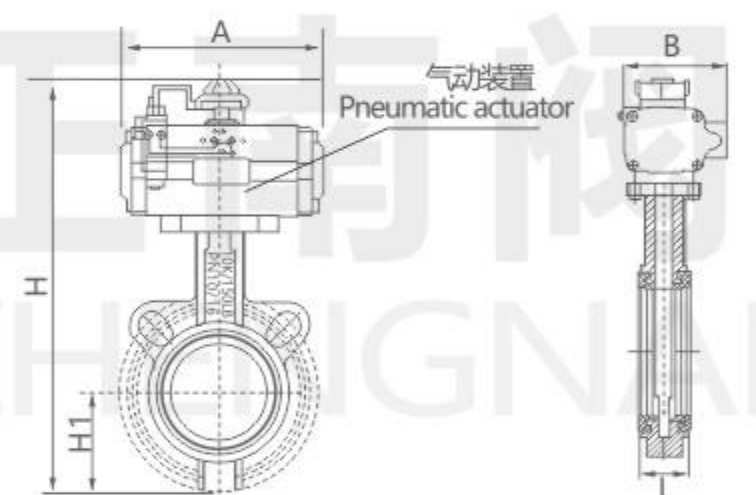
主要外形尺寸 Main external dimensions

DN	40	50	65	80	100	125	150	200
H1	67	67	75	82	105	118	135	165
H	177	265	287	302	305	372	398	420
A	115	170	170	170	215	215	215	355



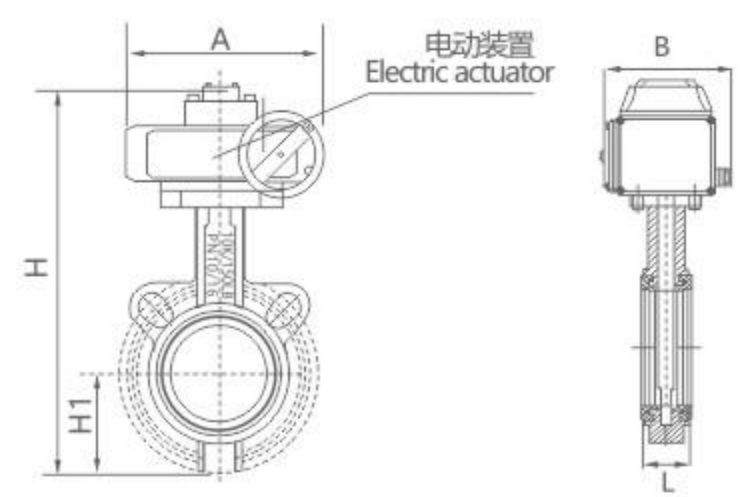
主要外形尺寸 Main external dimensions

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
H1	67	67	75	82	105	118	135	165	200	230	274	304	335	368	428	520	580	656	722
H	260	308	330	345	383	405	431	584	651	712	804	920	983	1048	1199	1470	1603	1741	1887
A	208	208	208	208	208	208	208	299	299	294	294	351	361	361	417	485	485	534	534
B	174	174	174	174	174	174	174	292	292	308	308	426	426	426	479	578	578	650	650
L	42	42	45	45	52	54	54	59	66	77	77	86	105	130	151	163	190	203	216



主要外形尺寸 Main external dimensions

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
H1	67	67	75	82	105	118	135	165	200	230	274	304	335	368	428	520	580	656	722
H	241	289	325	360	398	452	431	570	657	746	867	935	1013	1230	1429	1668	1847	1976	2122
A	130	130	140	140	186	254	208	296	384	384	501	533	589	589	638	1330	1380	1860	1860
B	59	59	70	70	91	120	174	137	173	173	208	224	274	274	322	320	360	440	440
L	42	42	45	45	52	54	54	59	66	77	77	86	105	130	151	163	190	203	216



主要外形尺寸 Main external dimensions

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
H1	67	67	75	82	105	118	135	165	200	230	274	304	335	368	428	520	580	656	722
H	284	332	354	400	438	501	521	593	660	747	839	879	1288	1353	1504	1775	1908	2104	2250
A	165	165	212	212	212	259	259	259	259	259	284	284	644	644	644	803	803	887	1015
B	140	140	154	154	154	186	486	186	186	186	193	193	495	495	495	671	671	693	693
L	42	42	45	45	52	54	54	59	66	77	77	86	105	130	151	163	190	203	216