

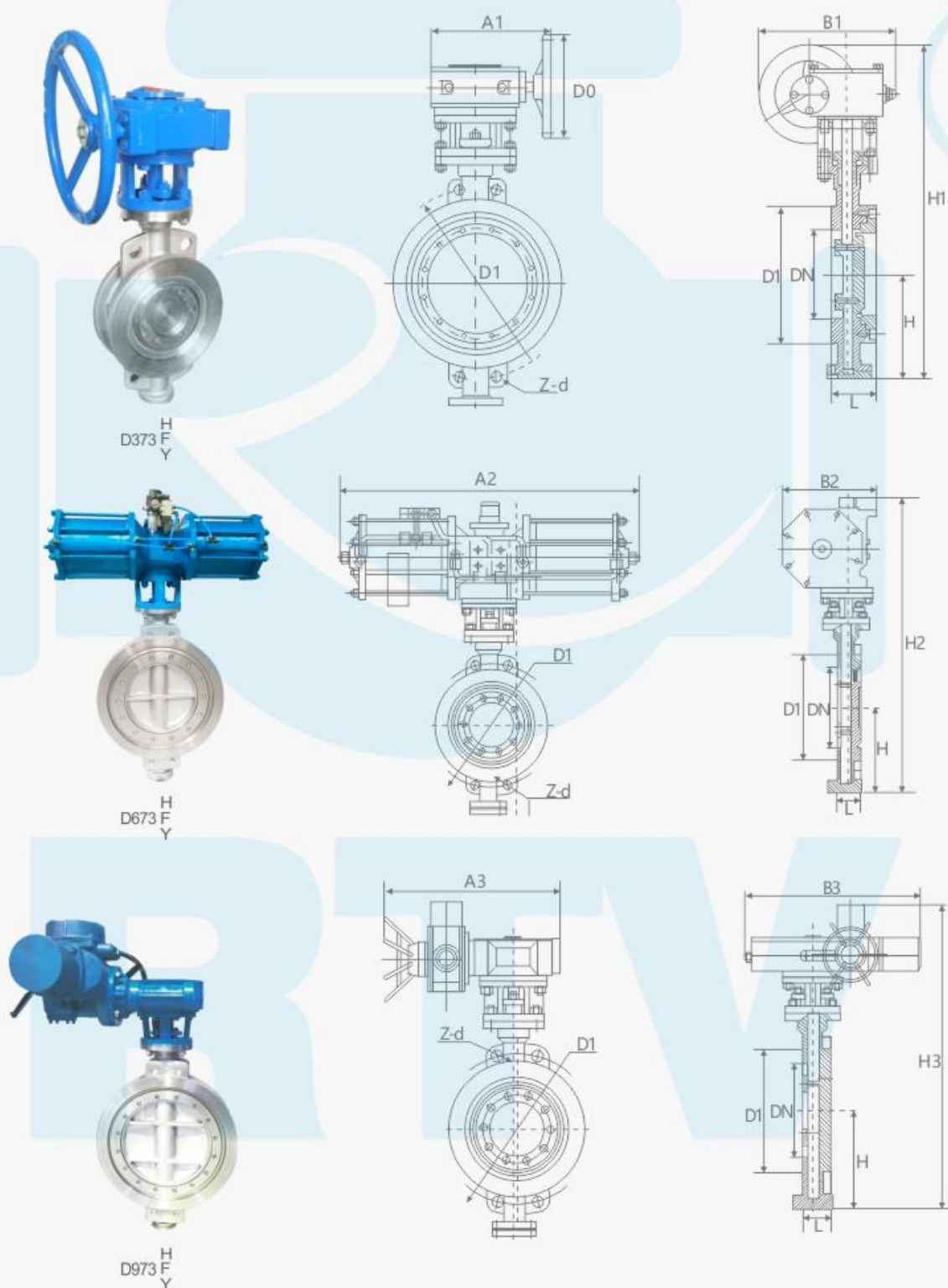
09

RUITONG
VALVE

BUTTERFLY VALVE SERIES



D373H/F/Y/W WAFER TYPE MULTI-LEVEL METAL HARD SEAL BUTTERFLY VALVE



D373H/F/Y/W WAFER TYPE MULTI-LEVEL METAL HARD SEAL BUTTERFLY VALVE

Main External Connection Size

DN	Structure length L	Flange size (reference value)							Dimensions (reference value)		
		H	PN0.6Mpa			PN1.0Mpa			D373H		
			D1	D2	Z-d	D1	D2	Z-d	H1	A1	B1
mm	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 WAFER TYPE MULTI-LEVEL METAL HARD SEAL BUTTERFLY VALVE

Main External Connection Size

(PN1.6/2.5/4.0MPa)

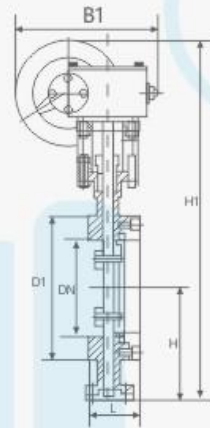
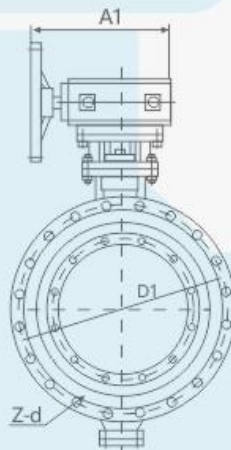
DN	Structure length L	Flange size (reference value)							Structure length L	Dimensions (reference value)					
		H	PN1.6Mpa			PN2.5Mpa				PN4.0Mpa			D373H		
mm	short			D1	D2	Z-d	D1	D2	Z-d	长 long	D1	D2	Z-d	H1	A1
40	33	107	110	84	4-18	110	84	4-18	33	110	85	4-18	330	180	200
50	43	112	125	99	4-18	125	99	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	-	-	-	-	-	-	-	-	-	-



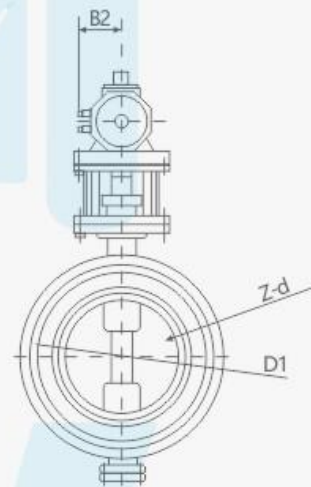
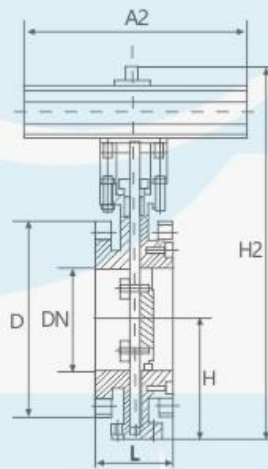
D343H/F/Y/W FLANGE TYPE MULTI-LEVEL METAL HARD SEAL BUTTERFLY VALVE



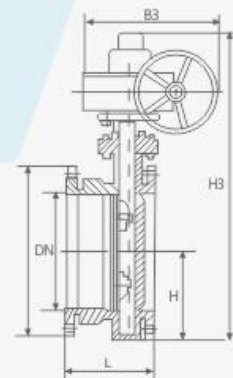
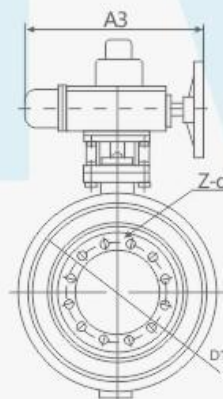
H
D343 F
Y



H
D643 F
Y



H
D943 F
Y



D343H/F/Y/W FLANGE TYPE MULTI-LEVEL METAL HARD SEAL BUTTERFLY VALVE

Main External Connection Size

(PN0.6/1.0/1.6MPa)

DN	Structure length L	Flange size (reference value)													Dimensions (reference value)		
		H	PN0.6Mpa				PN1.0Mpa				PN1.6Mpa				D343H		
mm	short		D	D1	D2	Z-d	D	D1	D2	Z-d	D	D1	D2	Z-d	H1	A1	B1
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	-	-	-

D343H/F/Y/W FLANGE TYPE MULTI-LEVEL METAL HARD SEAL BUTTERFLY VALVE

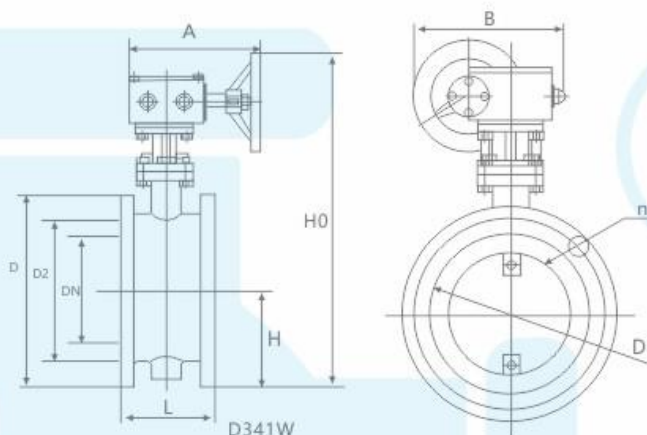
Main External Connection Size

(PN2.5/4.0MPa)

DN	Structure length L	Flange size (reference value)					Structure length L	Flange size (reference value)				Dimensions (reference value)		
		H	PN2.5Mpa					PN4.0Mpa				D343H		
	mm		short	D	D1	D2	Z-d	long	D	D1	D2	Z-d	H1	A1
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	-	-	-	-	-	-	-

D341W FLANGE TYPE VENTILATION BUTTERFLY VALVE

3 0.5
D641W-1 C
9 2.5
6 6

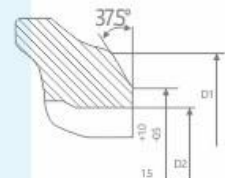
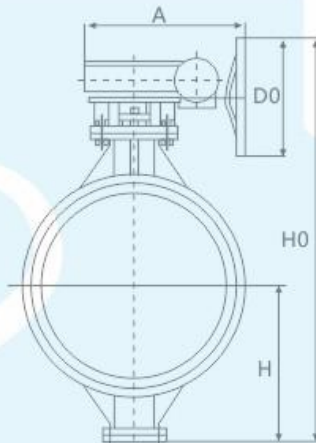


Main External Connection Size

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	2600	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 BUTT WELDING METAL HARD SEAL BUTTERFLY VALVE



Performance specifications/applications and characteristics

This butterfly valve is suitable for use as an opening and closing or regulating medium on pipelines with high temperature, high pressure, fire resistance, insulation, etc.

Adopting standards

Welding dimensions GB12224; ANSI B16.25; DIN2559

Structural length GB/T12221-1989; AP1609

Pressure test GB/T13927-1992; AP1598

Its main characteristics are as follows:

1. Compact structure, small volume, light weight, flexible operation, and convenient use;
2. Adopting a three-dimensional eccentric hard or multi-level hard sealing structure, its sealing performance can reliably achieve zero leakage;
3. This valve has no flange, which brings great convenience and aesthetics to the insulation and wrapping of pipelines;
4. It has the characteristics of high temperature resistance, high pressure resistance, corrosion resistance, and wear resistance.

Drive system

Worm gear transmission, pneumatic transmission, electric transmission, hydraulic transmission.

The Main Technical Parameters

Nominal Diameter	DN (mm)	50~700				
Nominal Pressure	PN (Mpa)	0.6	1.0	1.6	2.5	4.0
PS(mpa) Test Pressure	Shell test	0.9	1.5	2.4	3.75	6.0
	Seal test	0.66	1.1	1.76	2.75	4.4
	Gas seal test	0.6	0.6	0.6	0.6	0.6
Appropriate Medium	Corrosive to water, steam, oil, acid, etc.					
Appropriate Temperatuer	Carben steel:-29℃~425℃		Stainless steel:-196℃~600℃			

D363H/F/Y/W BUTT WELDING METAL HARD SEAL BUTTERFLY VALVE

Material Of Main Parts

Parts name	Material
Bldy	Cast steel, stainless steel, chromium molybdenum steel and special materials
Disc	Cast steel, Alloy steel, Stainless steel, Cr.Mo.Steel and ad hoc Material
Seal ring	Stainless steel, anti-wear material
Stem	2Cr13, 17-4PH, 304, 316L
Packing	Flexible graphite

D363H(W)-16C(P.I.R.V)butt Welding Metal Hard Seal Butterfly Valve Main Shape And Connection Size

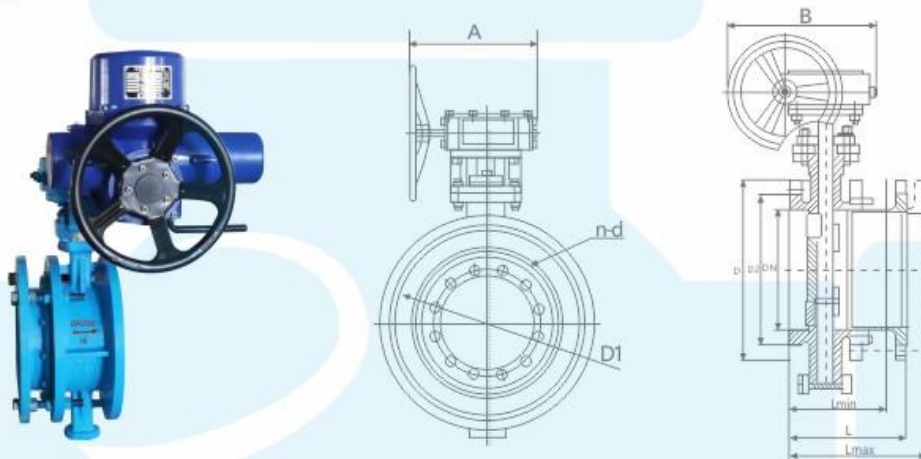
Nominal Diamter		standard value (1.6MPa)Dimension							
		L	D1	D2	D0	H	H0	A	B
80	3"	180	90	78	157	90	350	194	186
100	4"	190	110	96	157	100	376	194	186
125	5"	200	135	121	205	113	410	268	252
150	6"	210	161	146	205	130	468	268	252
200	8"	230	222	202	235	205	586	306	300
250	10"	250	278	254	235	235	638	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) butt Welding Metal Hard Seal Butterfly Valve Main Shape And Connection Size

Nominal Diamter		standard Value (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 TELESCOPIC BUTTERFLY VALVE

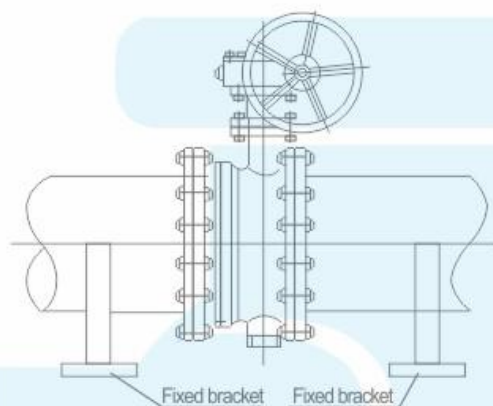
H 6
SD343F-10系列蜗轮传动法兰式伸缩蝶阀 Worm Gear Drive Flange Type Telescopic Butterfly Valve
X 16



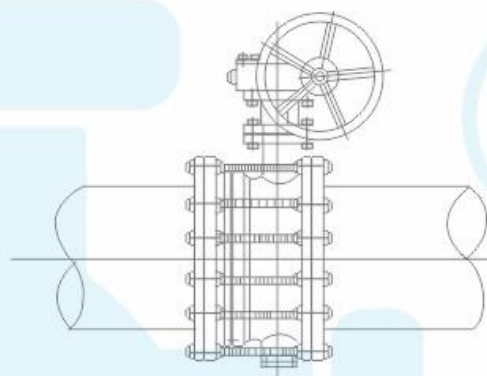
Precautions For Installation And Use Of Telescopic Butterfly Valve

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. $F > \pi/4 p_s \cdot d_n^2$ (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 TELESCOPIC BUTTERFLY VALVE



(See Fig1)



(See Fig2)

H 6
SD343F-10 Connection size
X 16

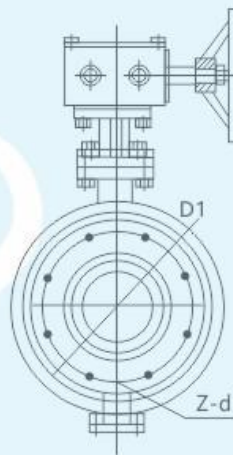
Nominal diamter	Structure length (reference value)			Flange size and bolt hole size (standard value)												Dimensions (reference value)			
	Lmax	Lmin	Design Length	PN0.6Mpa				PN1.0Mpa				PN1.6Mpa				H	H1	A	B
mm				D	D1	D2	Z-d	D	D1	D2	Z-d	D	D1	D2	Z-d				
50	186	156	171	140	110	88	4-14	165	125	99	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



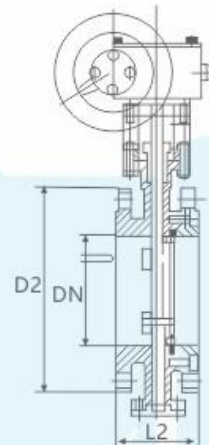
D373W AMERICAN STANDARD WAFER BUTTERFLY VALVE

API Wafer, double flange type metal hard seal
Wafer, single flange type fluoroplastic seal

Butterfly valve 815W 815 series
830W 830 series



815W
830W



815W Flange type
830W

Model Description

8 15/30 w

Structure: wafer type and flange type

Nominal pressure: 150Lb, 300Lb

Design type: 8 series

8 15/30 L

Structure: flanged flange with lugs

Nominal pressure: 150Lb, 300Lb

Design type: 8 series

Uses and characteristics

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 9301 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 AMERICAN STANDARD WAFER BUTTERFLY VALVE

Adopt Standards

design standards: API609

Flange connection size: ASME B16.5

Structure length: ASME B16.10

Pressure test: API598-2004

The main technical parameters

Nominal diamter	DN(mm)	830W	830L
		2"-36"	2"-36"
Nominal pressure	PN(MPa)	150LB	300LB
test pressure	Strength test	3.0	7.5
	Sealing test	2.2	5.5
Applicable medium	Water, steam, oil products, seawater, etc		
proper temperature	-29~425℃		

Material of main parts

Part Name	材料material
Valve body	WCB,WCC,LCB,CF8,CF3 CF8M,CF3M,310S
Butterfly board	WCB,304,304L,316 316L,310S
Stem	2Cr13,304,316L,310S,17-4PH
Sealing ring	PTFE, composite laminate, cemented carbide
filler	Flexible graphite, fluoroplastics

(150LB)

American Standard Wafer Butterfly Valve

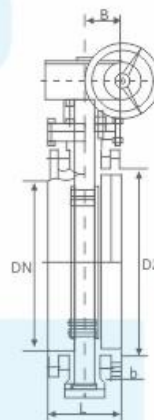
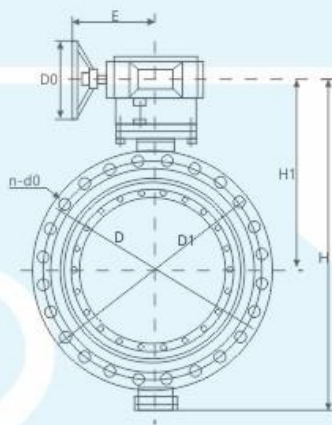
Nominal diamter		Size			
		L	D1	D2	Z-d
50	2 "	43	120.5	92	4-19
65	2 1/2"	46	139.5	105	4-19
80	3"	48	152.5	127	4-19
100	4"	54	190.5	157	8-19
125	5"	56	216	186	8-22
150	6"	57	241.5	216	8-22
200	8"	64	298.5	270	8-22
250	10"	71	362	324	12-25
300	12"	81	432	381	12-25
350	14"	92	476	413	12-29
400	16"	102	540	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

(300LB)

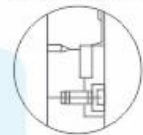
American Standard Wafer Butterfly Valve

Nominal diamter		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 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

Main Dimensions And Weight

D343H-150LB(A系列) 法兰蝶阀 (A Series) Flange butterfly

NPS	DN	D	D1	Tunisia face	Boss	b	n-d0	Short parttern	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 AMERICAN STANDARD A SERIES FLANGED BUTTERFLY VALVE

Main Dimensions And Weight

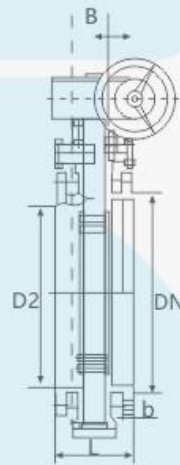
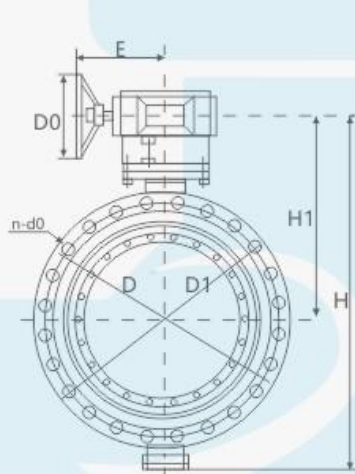
D343H-300LB(A系列) (A Series) Flange butterfly													
NPS	DN	D	D1	Tunisia face	Boss	b	n-d0	Short parttem	H	H1	B	E	D0
3"	80	210	168.5	127	1.6	29	8×22	180	378	253	73	229	152
4"	100	255	200	157.5	1.6	32	8×22	190	421	274	73	229	305
6"	150	320	270	216	1.6	34	12×22	210	543	351	108	254	305
8"	200	380	330	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	133	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

Main dimensions and weight

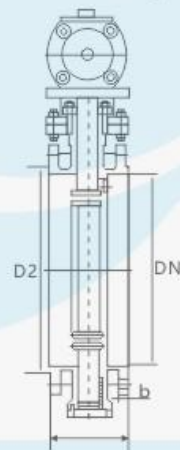
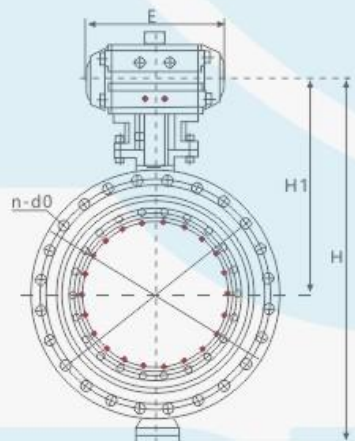
D343H-600LB(A系列) (A Series) Flange butterfly													
NPS	DN	D	D1	Tunisia face	Boss	b	n-d0	Short parttem	H	H1	B	E	D0
6"	150	355	292	216	6.4	48	12×29.5	210	680	480	130	320	300
8"	200	420	349	270	6.4	55.5	12×32.5	230	750	515	130	320	300
10"	250	510	432	324	6.4	63.5	16×35.5	250	840	560	130	320	300
12"	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



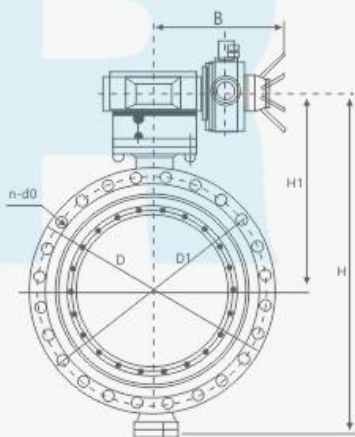
API LARGE DIAMETER AMERICAN STANDARD B SERIES FLANGE BUTTERFLY VALVE



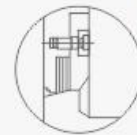
D343H Worm Gear Driven Butterfly Valve



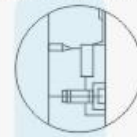
D643H Pneumatic Butterfly Valve



D943H Electric Butterfly Valve



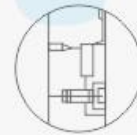
Seal Ring On Disc



Seal Ring On Body



Seal Ring On Disc



Seal Ring On Body



Seal Ring On Disc



Seal Ring On Body

API LARGE DIAMETER AMERICAN STANDARD B SERIES FLANGE BUTTERFLY VALVE

Main Dimensions And Weight

D343 ^H _F -150LB(B系列) (B Series) Flange butterfly													
NPS	DN	D	D1	Tunisia face	Boss	b	n-d0	Short parttern	H	H1	B	E	D0
26"	650	786	744.5	711	1.6	41.5	36×22.5	267	1100	670	155	360	300
28"	700	837	795.5	762	1.6	44.5	40×22.5	292	1157	703	155	360	300
30"	750	888	846	813	1.6	44.5	44×22.5	308	1210	730	155	360	300
32"	800	942	900	863.5	1.6	46	48×22.5	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

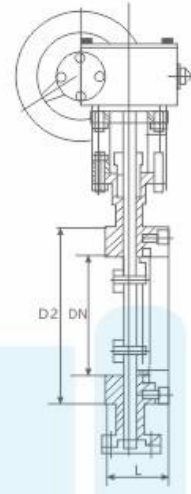
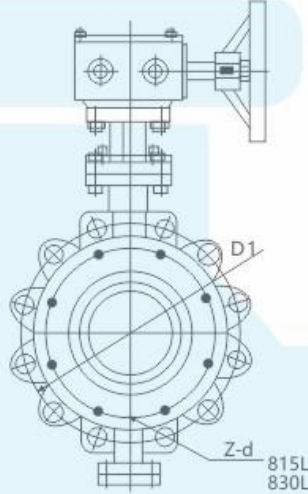
Main Dimensions And Weight

D343 ^H _F -300LB(B系列) (B Series) Flange butterfly													
NPS	DN	D	D1	Tunisia face	Boss	b	n-d0	Short parttern	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

AMERICAN STANDARD LUG BUTTERFLY VALVE



API 815L/830L Series

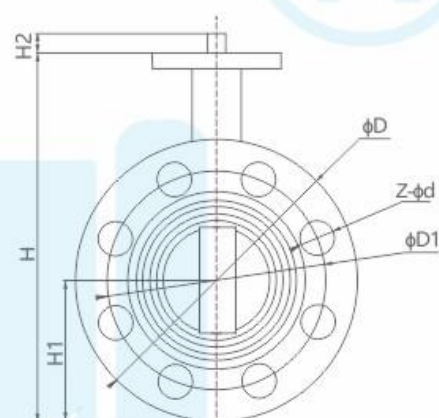
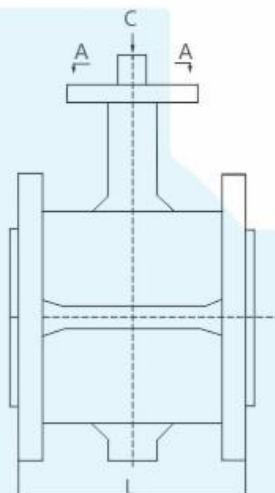


Main Dimensions And Weight

Nominal diameter		尺寸/mmDimension							
		Class150				Class300			
mm	inch	L	D1	D2	Z-d	L	D1	D2	Z-d
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	-	-	-	-

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"

CENTERLINE FLANGED BUTTERFLY VALVE STRUCTURE AND CONNECTION SIZE

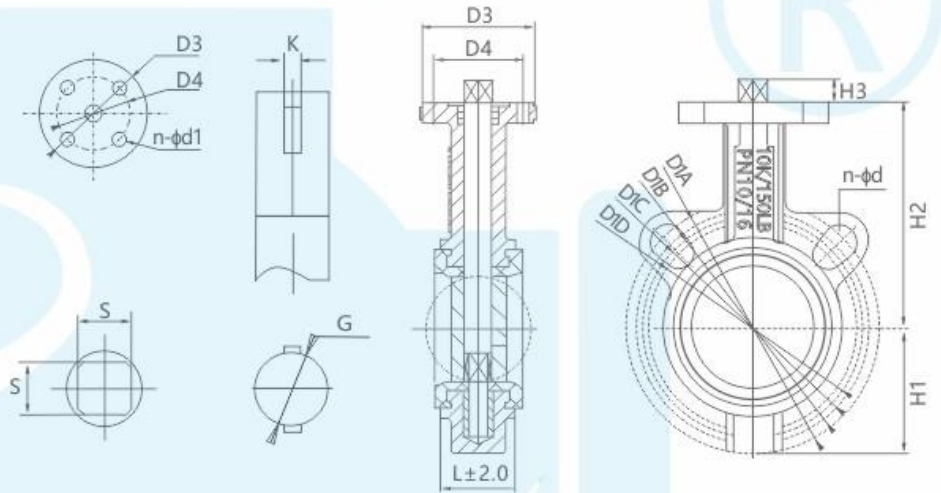


Main Dimensions And Weight

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

CENTERLINE WAFER TYPE BUTTERFLY VALVE STRUCTURE AND CONNECTION DIMENSIONS

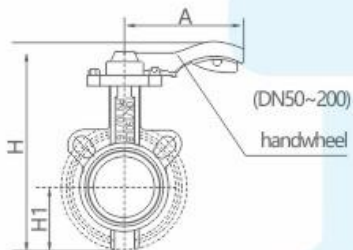
PN10&PN16&150LB&10K



Main Dimensions And Weight

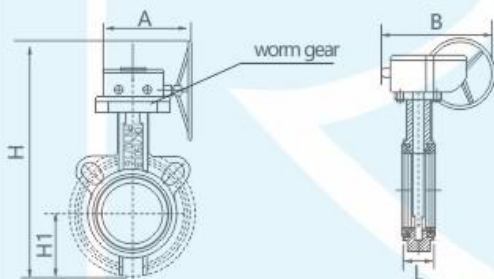
NPS	DN	L	150LB D1A	PN16 D1B	PN10 D1C	10K D1D	150LB n-φd	PN16 n-φd	PN10 n-φd	10K n-φd	H1	H2	H3	S*S/G	K	D3	D4	n-φd1
1.1/2	40	42	98.4	110	110	105	4-19	4-18	4-18	4-16	67	133	14	9*9/12.6	3	65/90	50/70	4-7/10
2	50	42	120.7	125	125	120	4-19	4-18	4-18	4-16	67	133	14	9*9/12.6	3	65/90	50/70	4-7/10
2.1/2	65	45	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

CENTERLINE WAFER TYPE BUTTERFLY VALVE STRUCTURE AND CONNECTION DIMENSIONS



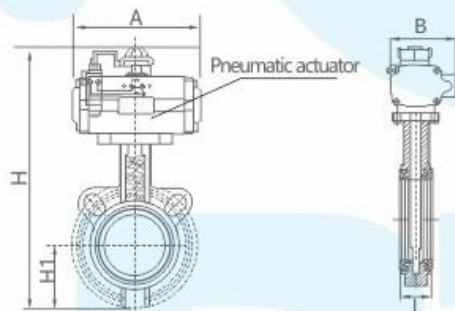
Main external dimensions

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



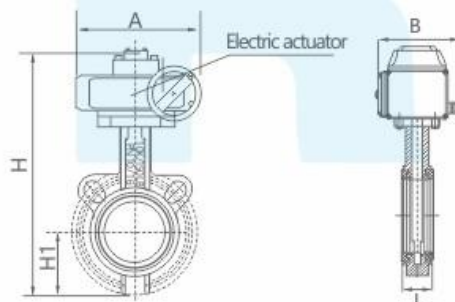
Main external dimensions

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



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	66	105	130	151	163	190	203	216



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