



DBV

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

dvb@nt-rt.ru || <https://dbv.nt-rt.ru/>

Contents

目录

所采用的新技术、新工艺说明 Description of New Technology	01
产品的主要特点 Main products' features	01
执行标准 Executive standard	02
主要零部件分解图 Exploded diagram of main parts	03 ~04
主要零部件材料表(法兰式) Material List of Main Parts and Components(Flange Type)	05
主要零部件材料表(对夹式) Material List of Main Parts and Components(Wafer Type)	06
主要零部件材料表(凸耳式) Material List of Main Parts and Components(Lug Type)	07
主要零部件材料表(对焊式) Material List of Main Parts and Components(Butt weld Type)	08
Gb主要连接尺寸 GB Main connecting dimensions	09-14
API主要连接尺寸 API Main connecting dimensions	15 ~18
蝶阀CV (流量系数)值及蝶板开启角度 Engineering Data Flow Coefficient (Cv value)	19
三偏心蝶阀扭矩值 Triple Offset Butterfly Valve Torques(NM)	20
三偏心蝶阀材质表 Triple Eccentric Butterfly Valve Material Table	11 ~22

所采用的新技术、新工艺说明 Description of New Technology

三偏心蝶阀 Triple Eccentric Butterfly Valve

所谓三偏心是指在双偏心结构的基础上再增加一个角偏心，即使蝶阀的密封面呈倾斜锥形。这种结构的特点是将蝶板周边外侧加工成外斜锥面，将密封阀座内侧加工成内斜锥面。这时蝶阀的密封断面变成了椭圆形，蝶板密封面的形状也因此上下不对称。由于密封面为斜锥形，被阀杆轴分隔为偏大的一侧蝶板沿着大倾斜曲面向上方压向阀座，偏小的一侧蝶板沿着小倾斜曲面向下方压向阀座。蝶板密封圈与阀座间的密封不是靠阀座的弹性变形，而是完全依靠接触面的压紧实现密封，故三偏心蝶阀的开闭基本上无摩擦，并且随着关闭压力的增加，阀门越关越紧。从三偏心蝶阀的结构原理不难看出，三偏心蝶阀有以下优点：

- 1□ 密封性能好，提高了系统的可靠性；
- 2□ 摩擦阻力小，开闭省力、灵活；
- 3□ 使用寿命长，可以实现反复多次开关；
- 4□ 承压及耐高温能力强，适用范围广。

东宝三偏心蝶阀其适用范围已可以耐压高达2500磅级，耐温低至-196 °C 高达850 °C，密封达到0泄漏，调控比高达100:1以上。

产品的主要特点 Main products' features

01

双向均可承压，实现无流向限制的安装方式。

The pressure of bidirectional flow could be afforded to achieve no flow restrictions on the installation.

03

全金属密封设计，密封面采用司太立合金堆焊技术，解决了高温高压、低温等严苛工况下，蝶阀密封性能差的难题；

The design of fully metal to metal sealing. The sealing surface adopts the technology of overlaying stellite alloy, which solves the problem of poor butterfly valve sealing performance under the harsh conditions of high pressure, high temperature and low temperature effectively.

05

全新的三偏心结构设计，实现无摩擦，性能更加稳定，密封使用寿命延长。通过优化设计，确保蝶阀从低温到高温的灵活启闭，完全符合严苛工况下阀门零泄漏的密封标准。

The new design of triple eccentric makes the valve zero friction, more stable performance and longer service life. The compact design ensures that the butterfly valve flexible opening and closing from low temperature to high temperature, and excellent sealing performance, in full compliance with the sealing standard of zero leakage of valve in severe working conditions.

Triple eccentric refers to an angle-added on the basis of the double eccentric structure, as the butterfly valve sealing surface shows an oblique cone. This structure is characterized by the outer side of the disc to be processed into an oblique cone, and also the inner side of the sealing seat is processed into an oblique cone. At this time, the section of the valve sealing surface becomes oval, thus the shape of the disc sealing surface is under the vertical asymmetry. Because the sealing surface is the oblique cone, the large part of the disc separated by the stem shaft presses the seat upwards along the large inclined surface, and the large part of the disc presses the seat downwards along the small inclined surface. The seal between the disc seal ring and the seat does not rely on the elastic deformation of the seat, but completely depends on the compact of the touching surface. So there is no friction in the process of the triple eccentric butterfly valve basically opening and closing, and the valve closes tightly with the closing pressure increasing. It is obvious from the principle and structure of the triple eccentric butterfly valve, the triple eccentric butterfly valve has the following advantages:

- 1) The sealing performance and reliability of the system are improved.
- 2) The friction is low, and the valve opening and closing flexibly.
- 3) The valve service life is longer and it could switch repeatedly.
- 4) The resistance of pressure and high temperature is improved, and the range of applications is wide.

The highest pressure of DBV triple eccentric butterfly valve could reach up to 2500 lb, and the temperature range is -196 up to 850. The sealing performance could be zero leakage and the regulation ratio up to 100:1.

02

可更换的阀座和密封环设计，不会因为密封磨损问题而导致整机报废，降低使用成本；

The design of renewable seat and seal ring could avoid the valve damage caused by the wear of seal ring and reduce the cost of use.

04

东宝全金属密封结构蝶阀与多层密封蝶阀的区别在于，常规多层次金属密封结构为金属片与石墨层叠安装，多层次密封面易受流体冲刷，使用寿命短。而东宝蝶阀密封副则采用全金属锻造而成的密封环，并在密封表面喷焊司太立合金，其优点为抗冲刷、寿命长、耐磨损，可应用于各类高温高压恶劣工况。

DBV fully metal to metal sealing structure is different from multilayer sealing butterfly valve. Common multilayer metal sealing structure consists of the metal sheet and graphite laminated in stallation, and multilayer sealing surface is susceptible to fluid erosion leading to short service life. However, DBV butterfly valve adopts all metal forged seal ring, and overlays stellite alloy on the sealing surface. Its advantages are anti-wear, anti-erosion and long service life, etc. DBV butterfly valve is suitable for many poor working conditions such as high pressure and high temperature.

三偏心全金属双向压蝶阀

» Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

执行标准 Executive standard

设计按JB/T8527的规定
法兰按 GB/T9113.1
结构长度按GB/T12221的规定
压力试验按GB/T13927、JB/T9092的规定
设计按ANSI B16.34的规定
法兰按ANSI B16.5或MSS SP-44的规定
结构长度按API609的规定
压力试验按API598的规定
(如需其他标准可另技术确认)

Design standard according to JB/T8527
Flange dimension according to GB/T9113.1
Face to Face according to GB/T 12221
Pressure Test according to GB/T13927,JB/T9092
Design standard according to ANSI B16.34
Flange dimension according to ANSI B16.5 or MSS-SP-44
Face to Face according to API609
Pressure Test according to API 598
(other standard options according to technical confirmation)

法兰式
Flange Type



对突式
Wafer Type



凸耳式
Lug Type



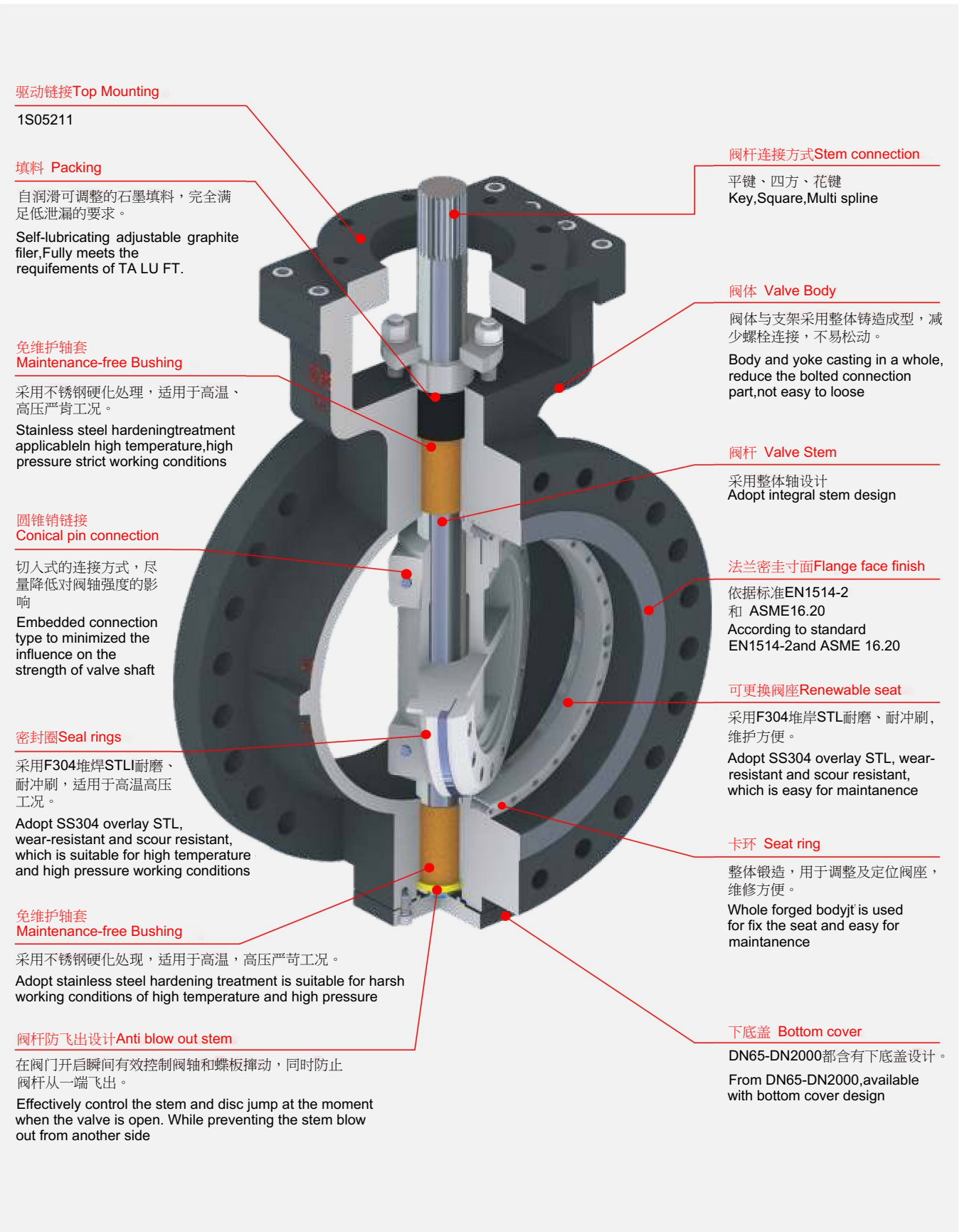
对焊式
Butt weld Type



三偏心全金属双向压蝶阀

»> Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

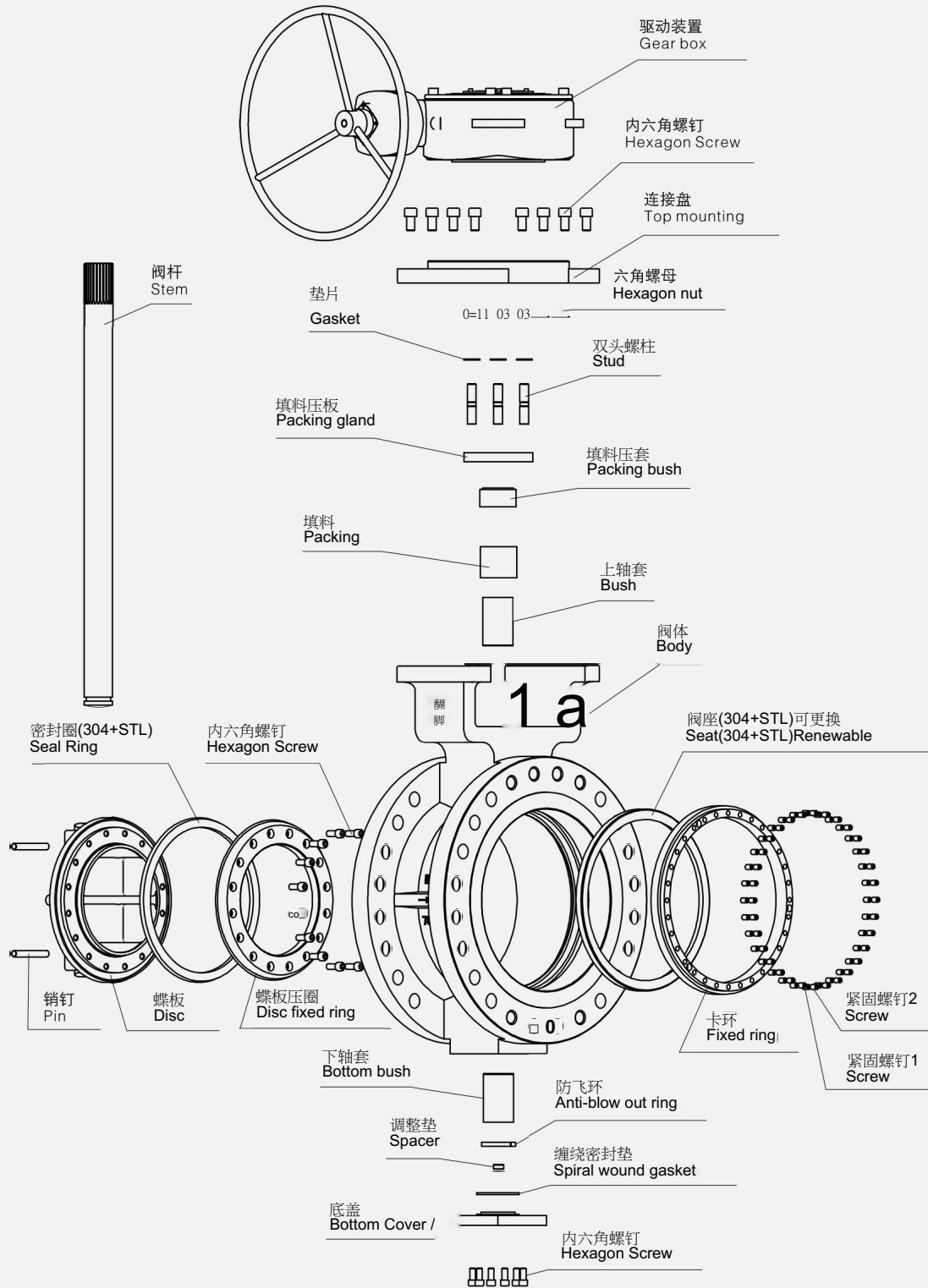
主要零部件分解图 Decomposition diagram of main parts



三偏心全金属双向压蝶阀

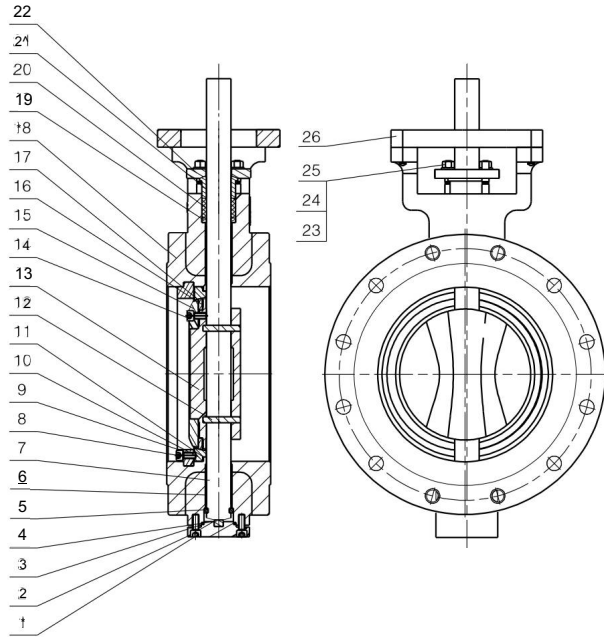
»> Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

主要零部件分解图 Decomposition diagram of main parts



三偏心全金属双向压蝶阀

>>> Tri-eccentric Metal to Metal Bi-direction Butterfly Valve



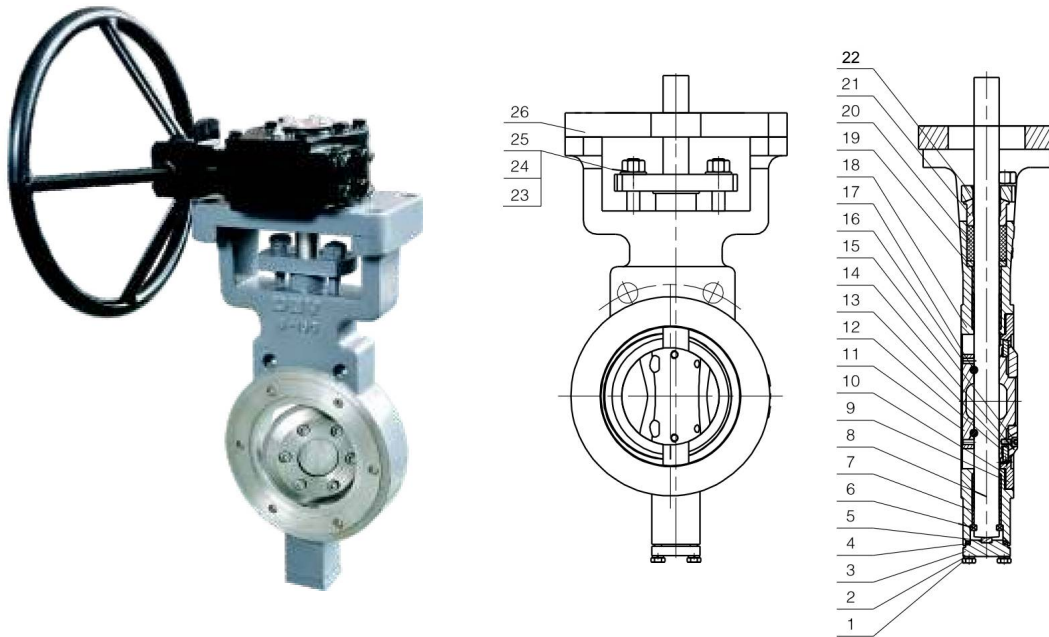
法兰式 Flange Type

序号	零件名称Part Name	材料 Materials
1	内六角螺钉Hexagon screw	A193 B7
2	底盖 Bottom cover	A29M1025
3	垫片Gasket	304+Graphite
4	调整垫Spacer	SS304
5	对开环Seat ring	SS304
6	轴套 Bushing	304+Nitride
7	阀杆Stem	17-4PH
8	内六角螺钉Hexagon screw	A193 B8
9	压环 Fixed ring	F304
10	阀座Seat	F304+STL
11	阀座垫片Body Sealing	304+Graphite
12	销钉Pin	SS304
13	蝶板disc	A351 CF8
14	内六角螺钉Hexagon screw	A193 B8
15	压板圈Gland	F304
16	垫片Gasket	304+Graphite
17	密封圈Seal ring	F304+STL
18	阀体Body	A216 WCB
19	填料垫片 Packing gasket	SS304
20	填料 Packing	Graphite
21	填料压套Packing Bush	A29M1025
22	填料压板Packing Gland	A29M1025
23	双头螺栓stud	ASTM A193 B7
24	弹簧垫圈Spring gasket	A29M5140
25	螺母Nut	ASTM A194 2H
26	连接盘 Top mounting	A29M1025

我们可以根据客户要求生产各种不同材质的阀门
We also can produce the body material of valves as per other customer's requirements with different materials.

三偏心全金属双向压蝶阀

» Tri-eccentric Metal to Metal Bi-direction Butterfly Valve



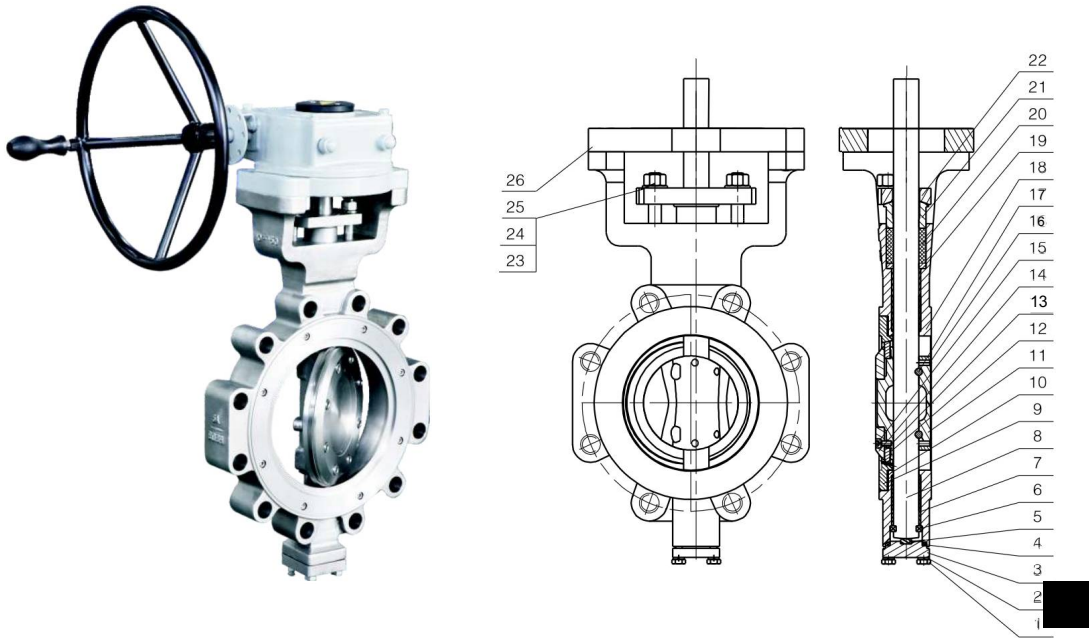
对突式Wafer Type

序号	零件名称Part Name	材料 Materials
1	内六角螺钉Hexagon screw	A193 B7
2	弹簧垫圈Spring gasket	A29M5140
3	底盖 Bottom cover	A29M1025
4	垫片Gasket	304+Graphite
5	调整垫Spacer	SS304
6	防飞环Seat ring	SS304
7	轴套 Bushing	304+Nitride
8	阀杆Stem	17-4PH
9	阀座Seat	F304+STL
10	阀座垫片Body Sealing	304+Graphite
11	蝶板disc	A351 CF8
12	垫片Gasket	304+Graphite
13	密封圈Seal ring	F304+STL
14	压板圈Gland	F304
15	内六角螺钉Hexagon screw	A193 B8
16	紧定螺钉 Tighten screws	A193 B8
17	销钉Pin	SS304
18	阀体Body	A216 WCB
19	填料垫片 Packing gasket	SS304
20	填料 Packing	Graphite
21	填料压套Packing Bush	A29M1025
22	填料压板Packing Gland	A29M1025
23	双头螺栓stud	ASTM A193 B7
24	弹簧垫圈Spring gasket	A29M5140
25	螺母Nut	ASTM A194 2H
26	连接盘 Top mounting	A29M1025

我们可以根据客户要求生产各种不同材质的阀门
We also can produce the body material of valves as per other customer's requirements with different materials.

三偏心全金属双向压蝶阀

>>> Tri-eccentric Metal to Metal Bi-direction Butterfly Valve



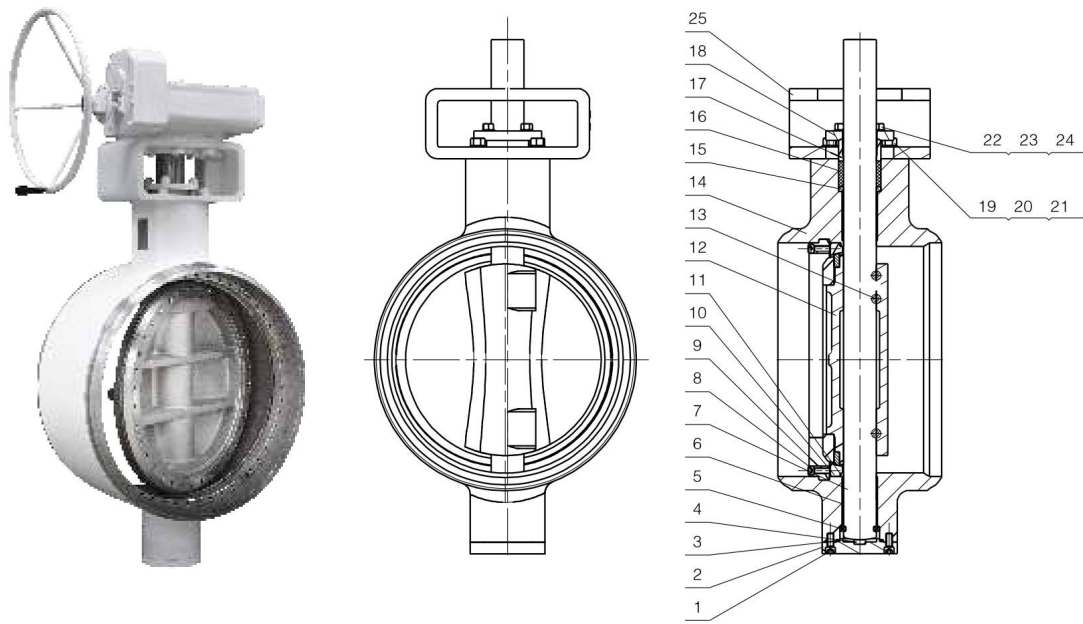
凸耳式Lug Type

序号	零件名称Part Name	材料 Materials
1	外六角螺钉Hexagon screw	A193 B7
2	弹簧垫圈Spring gasket	A29M5140
3	底盖 Bottom Cover	A29M1025
4	垫片Gasket	304+Graphite
5	调整垫Spacer	SS304
6	防飞环Seat ring	SS304
7	轴套 Bushing	304+Nitride
8	阀杆Stem	17-4PH
9	阀座Seat	F304+STL
10	阀座垫片Body Sealing	304+Graphite
11	蝶板disc	A351 CF8
12	垫片Gasket	304+Graphite
13	密封圈Seal ring	F304+STL
14	压板圈Gland	F304
15	内六角螺钉Hexagon screw	A193 B8
16	紧定螺钉 Tighten screws	A193 B8
17	销钉Pin	SS304
18	阀体Body	A216 WCB
19	填料垫片 Packing gasket	SS304
20	填料 Packing	Graphite
21	填料压套Packing Bush	A29M1025
22	填料压板Packing Gland	A29M1025
23	双头螺栓stud	ASTM A193 B7
24	弹簧垫圈Spring gasket	A29M5140
25	螺母Nut	ASTM A194 2H
26	连接盘 Top mounting	A29M1025

我们可以根据客户要求生产各种不同材质的阀门
We also can produce the body material of valves as per other customer's requirements with different materials.

三偏心全金属双向压蝶阀

» Tri-eccentric Metal to Metal Bi-direction Butterfly Valve



对焊式 Butt weld Type

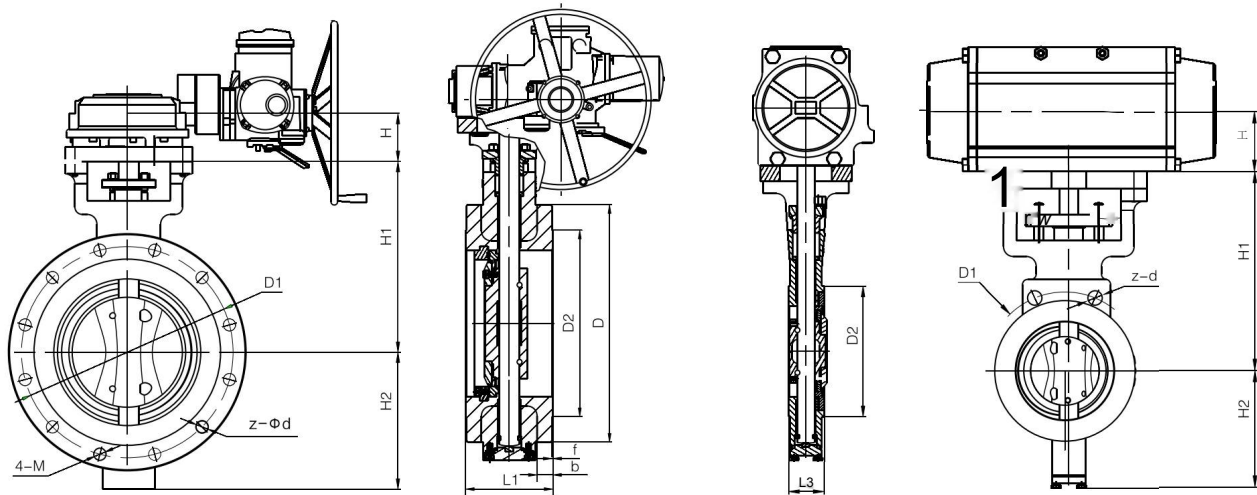
1	1	零件名称 Part Name	材料 Materials
1		内六角螺钉 Hexagon screw	A193B7
2		底盖 Bottom cover	A29M1025
3		垫片 Gasket	304+Graphite
4		调整垫 Spacer	SS304
5		对开环 Seat ring	SS304
6		轴套 Bushing	304+Nitride
7		阀杆 Stem	17-4PH
8		内六角螺钉 Hexagon screw	A193 B8
9		压环 Fixed ring	F304
10		阀座 Seat	F304+STL
11		阀座垫片 Body Sealing	304+Graphite
12		蝶板 disc	A351 CF8
13		压板圈 Gland	F304
14		垫片 Gasket	304+Graphite
15		密封圈 Seal ring	F304+STL
16		销钉 Pin	SS304
17		阀体 Body	A105
18		填料垫片 Packing gasket	SS304
19		填料 Packing	Graphite
20		填料压套 Packing Bush	A29M1025
21		填料压板 Packing Gland	A29M1025
22		双头螺栓 stud	A193B7
23		弹簧垫圈 Spring gasket	A29M 5140
24		螺母 Nut	A194 2H
25		双头螺栓 stud	A193B7
		弹簧垫圈 Spring gasket	A29M 5140
		螺母 Nut	A194 2H
		支架 Yoke	A216 WCB

我们可以根据客户要求生产各种不同材质的阀门
We also can produce the body material of valves as per other customer's requirements with different materials.

三偏心全金属双向压蝶阀

>>> Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

PN1.0MPa



法兰式 Flange Type

对夹式 Wafer Type

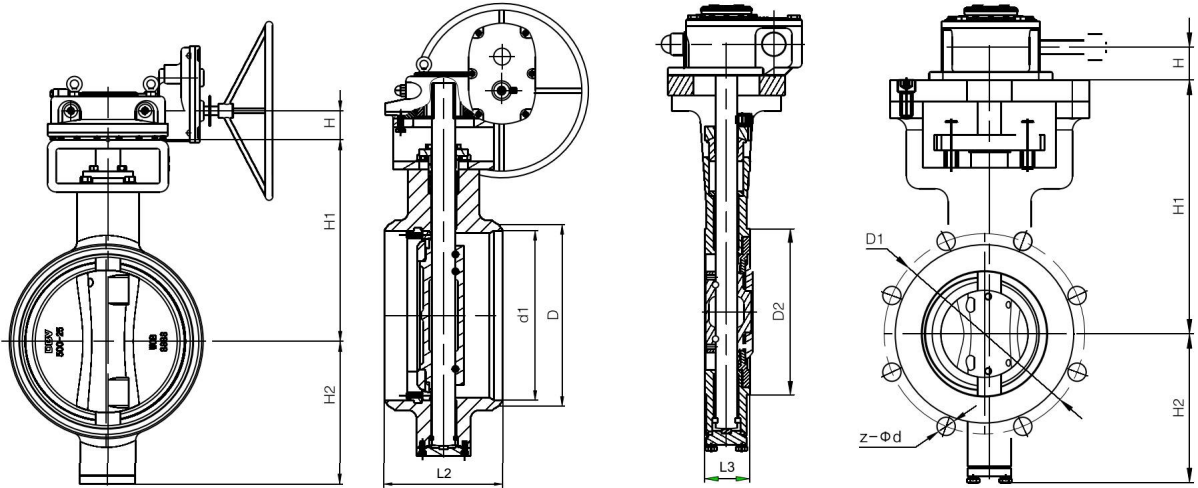
主要连接尺寸 / Main connecting dimensions

公称通径 Nominal diameter	L1	L2	L3	D	D1	D2	b	f	N	Z-Od	M	H	H1	H2	
DN(mm)	PN1.0(MPa)														
DN50	108	150	43	165	125	102	18	3	4	4-018	16	47	30	203	99
DN80	114	180	49	200	160	138	18	3	8	4-018	16	78	40	232	124
DN100	127	190	56	220	180	158	20	3	8	4-018	16	96	40	255	137
DN125	140	200	64	250	210	188	20	3	8	4-018	16	121	40	274	161
DN150	140	210	70	285	240	212	22	3	8	4-022	20	146	50	287	174
DN200	152	230	71	340	295	268	22	3	8	4-022	20	202	65	321	208
DN250	165	250	76	395	350	320	24	3	12	8-022	20	245	75	350	242
DN300	178	270	83	445	400	370	26	4	12	8-022	20	303	85	397	283
DN350	190	290	92	505	460	430	26	4	16	12-022	20	351	85	450	323
DN400	216	310	102	565	515	482	26	4	16	12-026	24	398	95	473	354
DN450	222	330	114	615	565	532	28	4	20	16-026	24	450	95	524	380
DN500	229	350	127	670	620	585	28	4	20	16-026	24	501	105	594	423
DN600	267	390	154	780	725	685	34	5	20	16-030	27	602	110	651	486
DN700	292	430	165	895	840	800	34	5	24	20-030	27	692	118	688	545
DN800	318	470	190	1015	950	905	36	5	24	20-033	30	792	125	818	664
DN900	330	510	200	1115	1050	1005	38	5	28	24-033	30	892	140	877	725
DN1000	410	550	216	1230	1160	1110	38	5	28	24-036	33	992	160	971	784
DN1200	470	630	276	1455	1380	1330	44	5	32	28-039	36	1192	180	1105	903
DN1400	530	710	390	1675	1590	1535	48	5	36	32-042	39	1392	190	1206	1042
DN1600	600	790	440	1915	1820	1760	52	5	40	36-048	45	1592	210	1246	1116
DN1800	670	870	490	2115	2020	1960	56	5	44	40-048	45	1792	220	1320	1187
DN2000	760	950	540	2325	2230	2170	60	5	48	44-048	45	1992	230	1411	1303

三偏心全金属双向压蝶阀

»> Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

PN1.6MPa



对焊式 Butt weld Type

凸耳式Lug Type

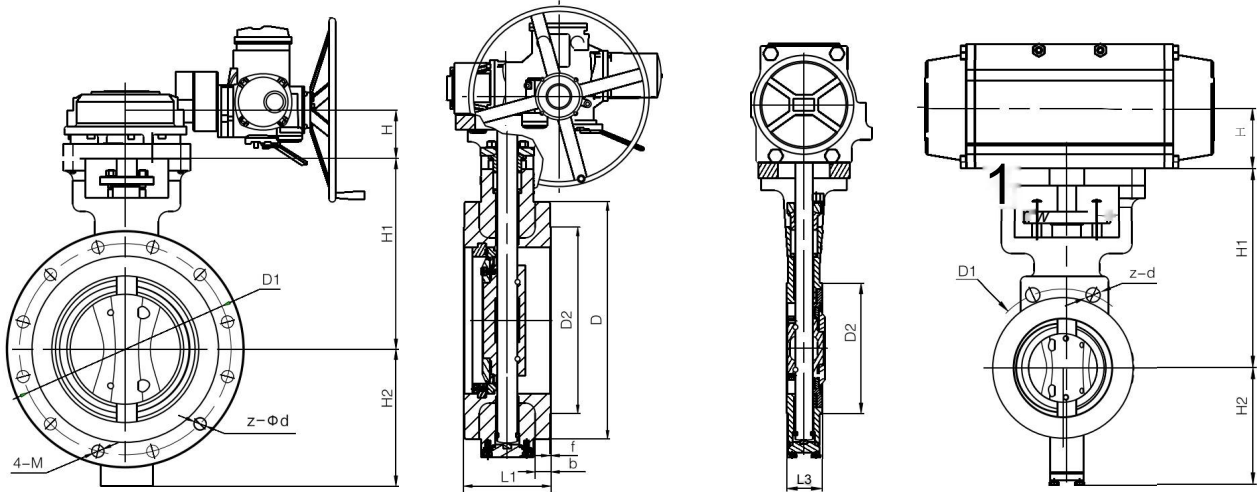
主要连接尺寸 / Main connecting dimensions

公称通径 Nominal diameter	L1	L2	L3	D	D1	D2	b	f	N	Z-Od	M	d1	H	H1	H2
DN(mm)	PN1.6(MPa)														
DN50	108	150	43	165	125	102	18	3	4	4-018	16	47	30	213	109
DN80	114	180	49	200	160	138	20	3	8	4-018	16	78	36	242	134
DN100	127	190	56	220	180	158	22	3	8	4-018	16	96	42	265	147
DN125	140	200	64	250	210	188	22	3	8	4-018	16	121	48	284	171
DN150	140	210	70	285	240	212	22	3	8	4-022	20	146	54	297	184
DN200	152	230	71	340	295	268	24	3	12	8-022	20	202	60	334	218
DN250	165	250	76	405	355	320	26	3	12	8-026	24	245	66	363	256
DN300	178	270	83	460	410	378	28	4	12	8-026	24	303	84	410	297
DN350	190	290	92	520	470	428	30	4	16	12-026	24	351	99	463	337
DN400	216	310	102	580	525	490	32	4	16	12-030	27	398	106	486	368
DN450	222	330	114	640	585	550	34	4	20	16-030	27	450	118	540	393
DN500	229	350	127	715	650	610	36	4	20	16-033	30	501	125	610	436
DN600	267	390	154	840	770	725	38	5	20	16-036	33	602	138	6383	499
DN700	292	430	165	910	840	795	40	5	24	20-036	33	692	139	706	557
DN800	318	470	190	1025	950	900	42	5	24	20-039	36	792	143	836	676
DN900	330	510	200	1125	1050	1000	44	5	28	24-039	36	892	152	899	737
DN1000	410	550	216	1255	1170	1115	46	5	28	24-042	39	992	195	993	796
DN1200	470	630	276	1485	1390	1330	52	5	32	28-048	45	1192	208	1127	915
DN1400	530	710	390	1685	1590	1530	58	5	36	32-048	45	1392	210	1228	1054
DN1600	600	790	440	1930	1820	1750	64	5	40	36-055	52	1592	230	1268	1128
DN1800	670	870	490	2130	2020	1950	68	5	44	40-055	52	1792	240	1342	1199
DN2000	760	950	540	2345	2230	2150	70	5	48	44-060	56	1992	260	1433	1315

三偏心全金属双向压蝶阀

>>> Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

PN2.5MPa



法兰式 Flange Type

对夹式 Wafer Type

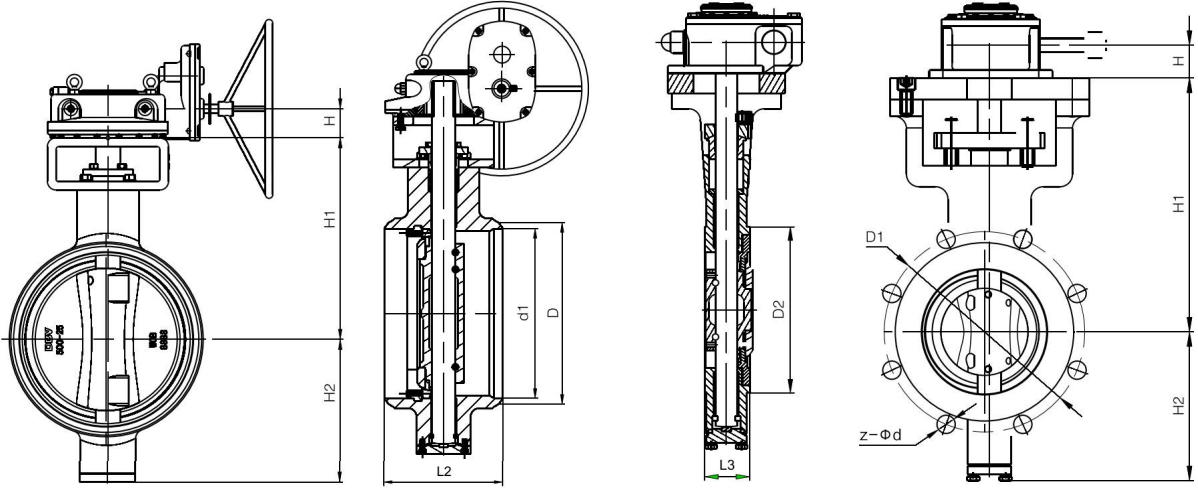
主要连接尺寸 / Main connecting dimensions

公称通径 Nominal diameter	L1	L2	L3	D	D1	D2	b	f	N	Z-Od	M	d1	H	H1	H2
DN(mm)	PN2.5(MPa)														
DN50	108	150	43	165	125	102	20	3	4	4-018	16	47	25	208	104
DN80	114	180	49	200	160	138	24	3	8	4-018	16	78	31	237	129
DN100	127	190	56	235	190	162	24	3	8	4-022	20	96	37	260	142
DN125	140	200	64	270	220	188	26	3	8	4-026	24	121	43	279	166
DN150	140	210	70	300	250	218	28	3	8	4-026	24	146	49	292	179
DN200	152	230	71	360	310	278	30	3	12	8-026	24	202	55	329	213
DN250	165	250	76	425	370	335	32	3	12	8-030	27	245	61	358	251
DN300	178	270	83	485	430	395	34	4	16	12-030	27	303	79	405	292
DN350	190	290	92	555	490	450	38	4	16	12-033	30	351	94	458	332
DN400	216	310	102	620	550	505	40	4	16	12-036	33	398	93	481	363
DN450	222	330	114	670	600	555	46	4	20	16-036	33	450	105	534	389
DN500	229	350	127	730	660	615	48	4	20	16-036	33	501	114	604	431
DN600	267	390	154	845	770	720	58	5	20	16-039	36	602	127	661	494
DN700	292	430	165	960	875	820	50	5	24	20-042	39	692	128	698	552
DN800	318	470	190	1085	990	930	54	5	24	20-048	45	792	132	828	671
DN900	330	510	200	1185	1090	1030	58	5	28	24-048	45	892	141	891	732
DN1000	410	550	216	1320	1210	1140	62	5	28	24-055	52	992	184	985	791
DN1200	470	630	276	1530	1420	1350	70	5	32	28-055	52	1192	194	1119	910
DN1400	530	710	390	1755	1640	1560	76	5	36	32-060	56	1392	258	1203	1012
DN1600	600	790	440	1975	1860	1780	84	5	40	36-060	56	1592	259	1270	1103
DN1800	670	870	490	2195	2070	1985	90	5	44	40-068	64	1792	260	1424	1219
DN2000	760	950	540	2425	2300	2210	96	5	48	44-068	64	1992	259	1550	1345

三偏心全金属双向压蝶阀

»> Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

PN4.0MPa



对焊式 Butt weld Type

凸耳式 Lug Type

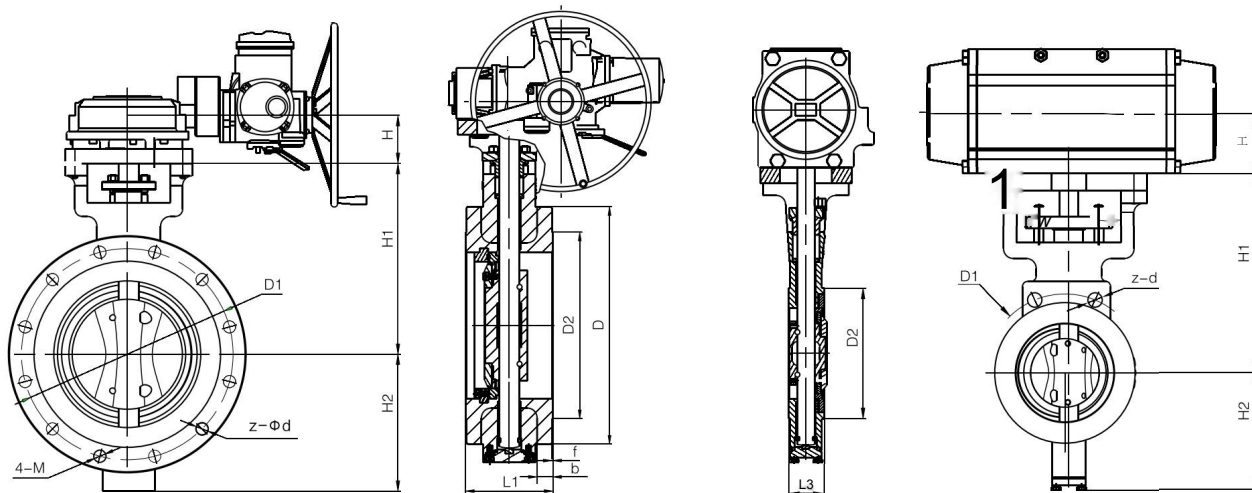
主要连接尺寸 / Main connecting dimensions

公称通径 Nominal diameter	L1	L2	L3	D	D1	D2	b	f	N	Z-Od	M	d1	H	H1	H2
DN(mm)	PN4.0(MPa)														
DN80	150	150	43	165	125	102	20	3	4	4-018	16	47	35	150	130
DN80	180	180	49	200	160	138	24	3	8	4-018	16	78	40	181	146
DN100	190	190	56	235	190	162	24	3	8	4-022	20	96	41	221	167
DN125	200	200	64	270	220	188	26	3	8	4-026	24	120	42	248	188
DN150	210	210	70	300	250	218	28	3	8	4-026	24	145	73	289	209
DN200	230	230	71	375	320	285	34	3	12	8-030	27	200	74	324	250
DN250	250	250	76	450	385	345	38	3	12	8-033	30	252	90	340	291
DN300	270	270	83	515	450	410	42	4	16	12-033	30	301	91	431	327
DN350	290	290	127	580	510	465	46	4	16	12-036	33	351	122	522	368
DN400	310	310	140	660	585	535	50	4	16	12-039	36	398	115	539	419
DN450	330	330	160	685	610	560	57	4	20	16-039	36	448	116	510	430
DN500	350	350	170	755	670	615	57	4	20	16-042	39	495	138	556	475
DN600	390	390	200	890	795	735	72	5	20	16-048	45	595	139	655	551

三偏心全金属双向压蝶阀

>>> Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

PN6.4MPa



法兰式 Flange Type

对夹式 Wafer Type

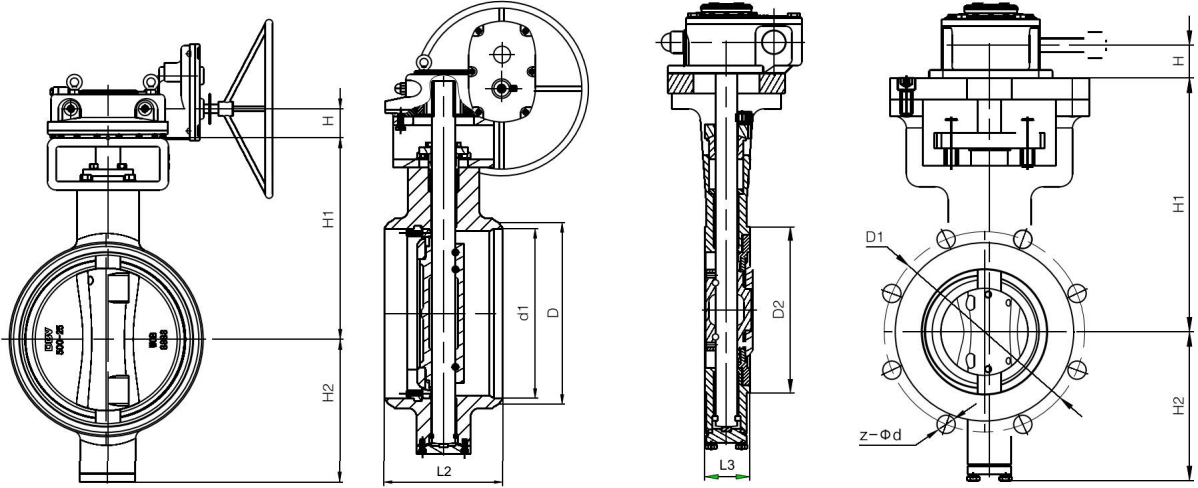
主要连接尺寸 / Main connecting dimensions

公称通径 Nominal diameter	L1	L2	L3	D	D1	D2	b	f	N	Z-Od	M	d1	H	H1	H2
DN(mm)	PN6.3(MPa)														
DN80	150	150	43	180	135	102	26	3	4	4-022	20	47	41	162	142
DN80	180	180	64	215	170	138	28	3	8	4-022	20	77	46	203	168
DN100	190	190	64	250	200	162	30	3	8	4-026	24	94	47	243	189
DN125	200	200	70	295	240	188	34	3	8	4-030	27	118	78	280	220
DN150	210	210	76	345	280	218	36	3	8	4-033	30	142	76	331	251
DN200	230	230	89	415	345	285	42	3	12	8-036	33	198	92	366	292
DN250	250	250	H4	470	400	345	46	3	12	8-036	33	246	93	372	323
DN300	270	270	114	530	460	410	52	4	16	12-036	33	294	124	458	354
DN350	290	290	127	600	525	465	56	4	16	12-039	36	342	123	449	405
DN400	310	310	140	670	585	535	60	4	16	12-042	39	368	143	553	433
DN500	350	350	170	800	705	615	68	4	20	16-048	45	485	144	590	509
DN600	390	390	200	930	820	735	76	4	20	16-056	52	585	193	689	595

三偏心全金属双向压蝶阀

»> Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

PNIO.OMPa



对焊式 Butt weld Type

凸耳式Lug Type

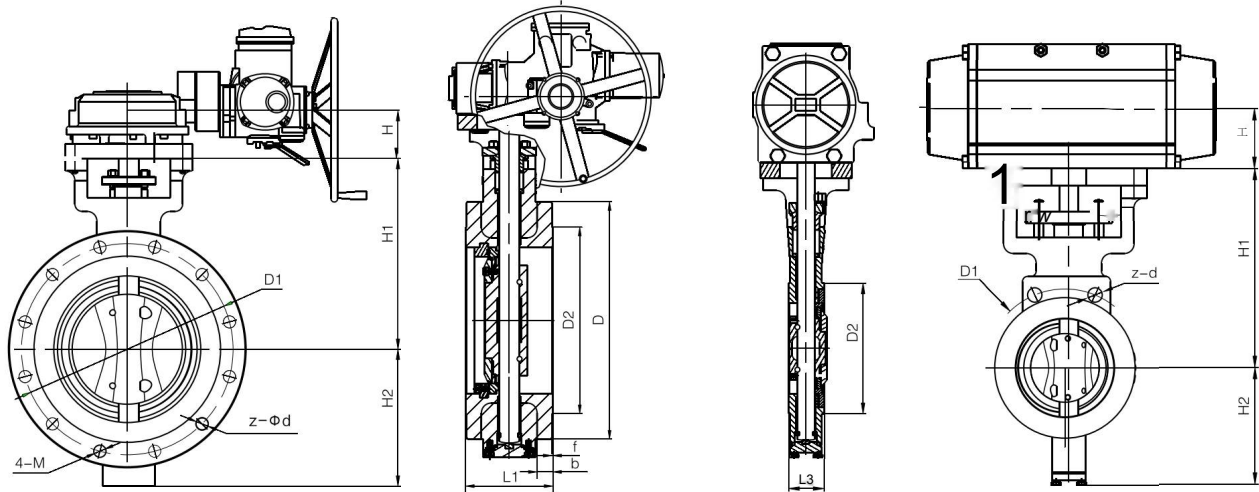
主要连接尺寸 / Main connecting dimensions

公称通径 Nominal diameter	L1	L2	L3	D	D1	D2	b	f	N	Z-Od	M	d1	H	H1	H2
DN(mm)	PN10.0(MPa)														
DN50	150	150	43	195	145	102	28	3	4	4-026	24	47	48	193	138
DN80	180	180	64	230	180	138	32	3	8	4-026	24	75	43	184	149
DN100	190	190	64	265	210	162	36	3	8	4-030	27	92	44	214	160
DN125	200	200	70	315	250	188	40	3	8	4-033	30	112	45	236	176
DN150	210	210	76	355	290	218	44	3	12	8-033	30	136	46	277	197
DN200	230	230	89	430	360	285	52	3	12	8-036	33	190	77	302	228
DN250	250	250	114	505	430	345	60	3	12	8-039	36	236	70	318	259
DN300	270	270	114	585	500	410	68	4	16	12-042	39	284	86	354	285
DN350	290	290	127	655	560	465	74	4	16	12-048	45	332	88	395	315
DN400	310	310	140	715	620	535	82	4	16	12-048	45	376	89	486	351
DN500	350	350	170	870	780	615	94	4	20	16-056	52	475	120	523	407
DN600	390	390	200	990	875	735	102	4	20	16-062	56	575	121	612	463

三偏心全金属双向压蝶阀

>>> Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

Class 150Lb



法兰式 Flange Type

对夹式 Wafer Type

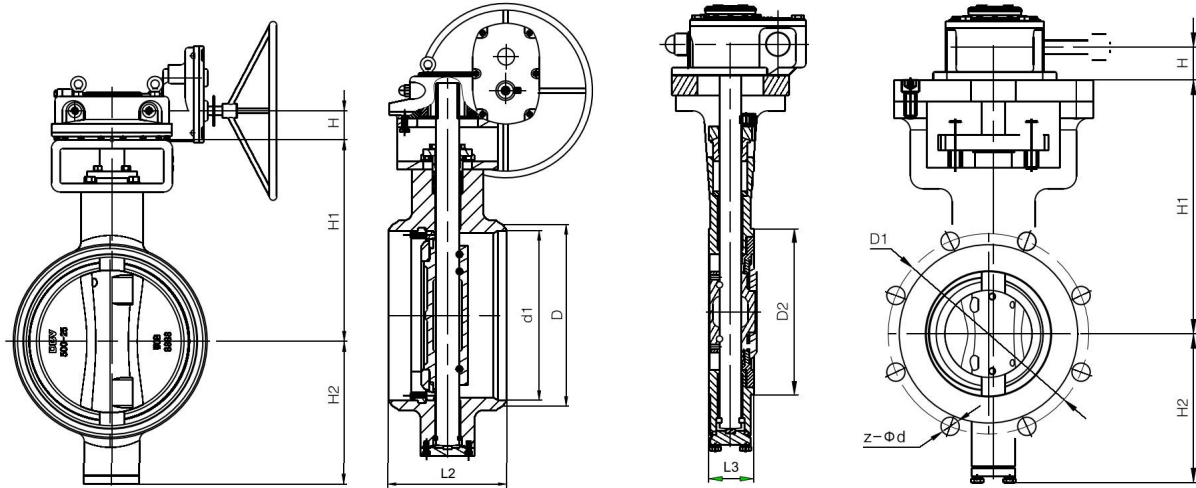
主要连接尺寸 / Main connecting dimensions

公称通径 Nominal diameter		L1	L2	L3	D	D1	D2	b	f	N	Z-Od	M	d1	H	H1	H2
in	mm	150LB														
2"	DN50	108	150	43	150	120.7	92.1	17.5	2	4	4-Q19	5/8	52.5	206	104	25
3"	DN80	114	180	48	190	152.4	127	22.3	2	4	4-O19	5/8	77.9	235	129	31
4"	DN100	127	190	54	230	190.5	157.2	22.3	2	8	4-O19	5/8	102.3	258	142	37
5"	DN125	140	200	56	255	215.9	185.7	22.3	2	8	4-O22	3/4	128.2	277	166	43
6"	DN150	140	210	57	280	241.3	215.9	23.9	2	8	4-O22	3/4	154.1	290	179	49
8"	DN200	152	230	64	345	298.5	269.9	27	2	8	4-O22	3/4	202.7	327	213	55
10"	DN250	165	250	71	405	362	323.8	28.6	2	12	8-O26	7/8	254.5	356	251	61
12"	DN300	178	270	81	485	431.8	381	30.2	2	12	8-O26	7/8	304.8	403	292	79
14"	DN350	190	290	92	535	476	412.8	33.4	2	12	8-O29	1	336.6	454	332	94
16"	DN400	216	310	102	595	539.8	469.9	35	2	16	12-O29	1	387.4	477	363	92
18"	DN450	222	330	114	635	577.9	533.4	38.1	2	16	12-O32	1-1/8	434.9	531	384	104
20"	DN500	229	350	127	700	63	584.2	41.3	2	20	16-O32	1-1/8	482.6	601	427	112
24"	DN600	267	390	154	815	749.3	692.2	46.1	2	20	16-O35	1-1/4	581.1	658	490	125
28"	DN700	292	430	229	835	795.3	762	43	2	40	36-O22	3/4	672.7	695	548	126
32"	DN800	318	470	241	940	900.1	864	44.6	2	48	44-O22	3/4	770.7	825	667	130
36"	DN900	330	510	241	1055	1009.6	972	50.9	2	44	40-O26	7/8	869.3	888	728	139
40"	DN1000	410	550	300	1175	1120.8	1080	54.1	2	44	40-O30	1	967.3	982	787	182
48"	Dn1200	470	630	360	1390	1335.1	1289	63.6	2	44	40-O33	1-1/8	1164	1116	906	195

三偏心全金属双向压蝶阀

» Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

Class 300Lb



对焊式 Butt weld Type

凸耳式 Lug Type

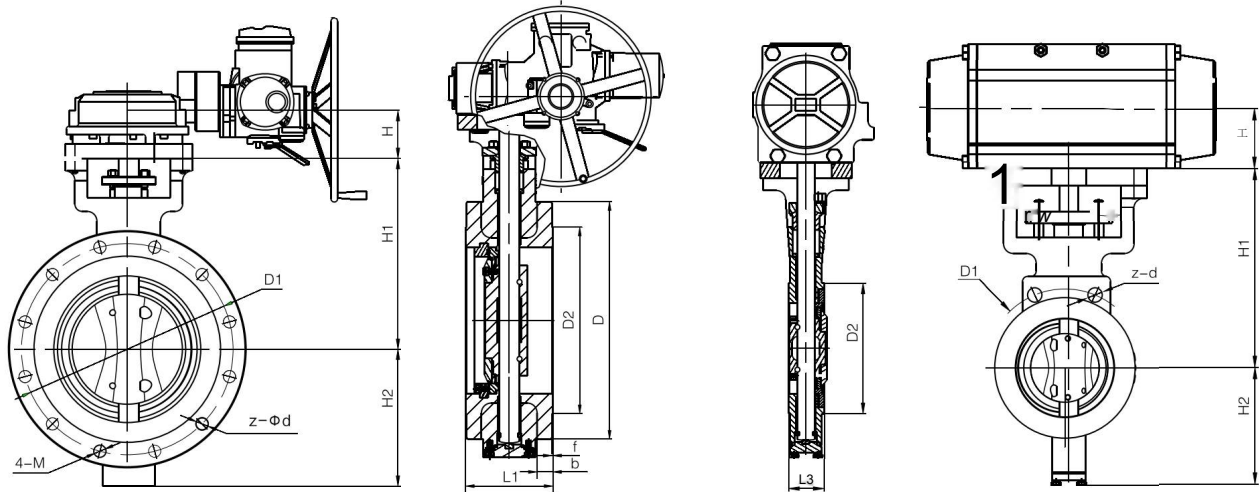
主要连接尺寸 / Main connecting dimensions

公称通径 Nominal diameter		L1	L2	L3	D	D1	D2	b	f	N	Z-Od	M	d1	H	H1	H2
in	mm	300LB														
2"	DN50	150	150	43	165	127	92.1	20.7	2	8	4-019	5/8	52.5	147	130	27
3"	DN80	180	180	48	210	168.3	127	27	2	8	4-022	3/4	77.9	172	156	30
4"	DN100	190	190	54	255	200	157.2	30.2	2	8	4-022	3/4	102.3	208	177	29
5"	DN125	200	200	56	280	235	185.7	33.4	2	8	4-022	3/4	128.2	282	215	58
6"	DN150	210	210	59	320	269.9	215.9	35	2	12	8-022	3/4	154.1	283	216	57
8"	DN200	230	230	73	380	330.2	269.9	39.7	2	12	8-026	7/8	202.7	300	252	71
10"	DN250	250	250	83	445	387.4	323.8	46.1	2	16	12-029	1	254.5	341	293	70
12"	DN300	270	270	92	520	450.8	381	49.3	2	16	12-032	1-1/8	304.8	404	332	69
14"	DN350	290	290	117	585	514.4	412.8	52.4	2	20	16-032	1-1/8	336.6	426	363	68
16"	DN400	310	310	133	650	571.5	469.9	55.6	2	20	16-035	1-1/4	387.4	482	399	97
18"	DN450	330	330	149	710	628.6	533.4	58.8	2	24	20-035	1-1/4	434.9	546	430	99
20"	DN500	350	350	159	775	685.8	584.2	62	2	24	20-035	1-1/4	482.6	580	466	118
24"	DN600	390	390	181	915	812.8	692.2	68.3	2	24	20-042	1-1/2	581.1	650	547	117
28"	DN700	430	430	229	920	857.2	787	87.4	2	36	32-036	1-1/4	672.7	815	608	186
32"	DN800	470	470	241	1055	977.9	902	101.6	2	32	28-042	1-1/2	770.7	876	740	185
36"	DN900	510	510	241	1170	1089	1010	101.6	2	32	28-045	1-5/8	869.3	957	801	184
40"	DN1000	550	550	300	1275	1190.6	1114	114.3	2	40	36-045	1-5/8	967.3	928	772	183
48"	Dn1200	630	630	360	1510	1416	1327	127	2	40	36-051	1-7/8	1164	1019	873	232

三偏心全金属双向压蝶阀

>>> Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

Class 600Lb



法兰式 Flange Type

对夹式 Wafer Type

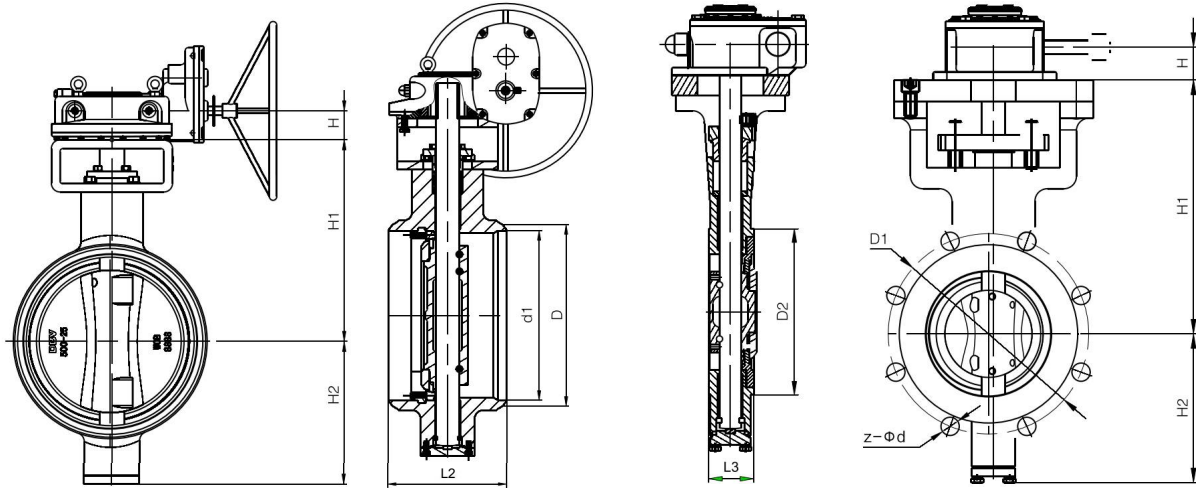
主要连接尺寸 / Main connecting dimensions

公称通径 Nominal diameter		L1	L2	L3	D	D1	D2	b	f	N	Z-Od	M	d1	H	H1	H2
in	mm	600LB														
2"	DN50	150	150	43	165	127	92.1	25.4	7	8	4-019	5/8	52.5	185	1137	43
3"	DN80	180	180	54	210	168.3	127	31.8	7	8	4-022	3/4	77.9	213	158	48
4"	DN100	190	190	64	275	215.9	157.2	38.1	7	8	4-026	7/8	102.3	220	194	49
5"	DN125	200	200	70	330	266.7	185.7	44.5	7	8	4-029	1	128.2	250	223	83
6"	DN150	210	210	78	355	292.1	215.9	47.7	7	12	8-029	1	154.1	318	239	87
8"	DN200	230	230	102	420	349.2	269.9	55.6	7	12	8-032	1-1/8	198.5	332	280	88
10"	DN250	250	250	117	510	431.8	323.8	63.5	7	16	12-035	1-1/4	247.7	394	326	89
12"	DN300	270	270	140	560	489	381	66.7	7	20	16-035	1-1/4	295.3	459	357	120
14"	DN350	290	290	155	605	527	412.8	69.9	7	20	16-039	1-3/8	325.4	470	381	121
16"	DN400	310	310	178	685	603.2	469.9	76.2	7	20	16-042	1-1/2	363.5	575	427	142
18"	DN450	330	330	200	745	654	533.4	82.6	7	20	16-045	1-5/8	409.5	625	468	143
20"	DN500	350	350	216	815	723.9	584.2	88.9	7	24	20-045	1-5/8	455.6	661	504	140
24"	Dn600	390	390	232	940	838.2	692.2	101.6	7	24	20-052	1-7/8	547.7	747	569	190

三偏心全金属双向压蝶阀

» Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

Class 900~1500Lb



对焊式 Butt weld Type

凸耳式 Lug Type

主要连接尺寸 / Main connecting dimensions

公称通径 Nominal diameter		L1	L2	L3	D	D1	D2	b	f	N	Z-Od	M	d1	H	H1	H2
in	mm	900LB														
4"	DN100	235	235	80	290	235	157.2	44.5	7	8	4-032	1-1/8	77.9	255	197	82
6"	DN150	250	250	104	380	317.5	215.9	55.6	7	12	8-032	1-1/8	102.3	331	255	98
8"	DN200	310	310	112	470	393.7	269.9	63.5	7	12	8-039	1-3/8	128.2	377	299	99
10"	DN250	350	350	135	545	469.9	323.8	69.9	7	16	12-039	1-3/8	154.1	430	377	130
12"	DN300	380	380	170	610	533.4	381	79.4	7	20	16-039	1-3/8	198.5	492	401	129
14"	DN350	400	400	173	640	558.8	412.8	85.8	7	20	16-042	1-1/2	247.7	530	438	149
16"	DN400	430	430	210	705	616	469.9	88.9	7	20	16-050	1-5/8	295.3	629	475	151
18"	DN450	460	460	228	785	685.8	533.4	101.6	7	20	16-052	1-7/8	325.4	680	524	201
20"	DN500	490	490	250	855	749.3	584.2	108	7	20	16-054	2	363.5	701	572	202
24"	Dn600	530	530	275	1040	901.7	692.2	139.7	7	20	16-067	2-1/2	409.5	800	705	210

公称通径 Nominal diameter		L1	L2	L3	D	D1	D2	b	F	N	Z-Od	M	d1	H	H1	H2
in	mm	1500LB														
6"	DN150	290	290	160	395	317.5	215.9	82.6	7	12	8-039	1-3/8	102.3	367	271	127
8"	DN200	330	330	180	485	393.7	269.9	92.1	7	12	8-045	1-5/8	128.2	426	322	128
10"	DN250	390	390	200	585	482.6	323.8	108	7	12	8-052	1-7/8	154.1	532	387	149
12"	DN300	430	430	230	675	571.5	381	123.9	7	16	12-054	2	198.5	568	431	150
14"	DN350	470	470	250	750	635	412.8	133.4	7	16	12-061	2-1/4	247.7	634	511	193
16"	DN400	510	510	265	825	704.8	469.9	146.1	7	16	12-067	2-1/2	295.3	680	548	215
18"	DN450	550	550	300	915	774.7	533.4	162	7	16	12-074	2-3/4	325.4	776	611	216
20"	DN500	630	630	340	985	831.8	584.2	177.8	7	16	12-080	3	363.5	830	687	219
24"	DN600	710	710	400	1170	990.6	692.2	203.2	7	16	12-094	3-1/2	409.5	980	790	240

蝶阀CV (流量系数)值及蝶板开启角度 Engineering Data Flow Coefficient (Cv value)

CV{f CV Values

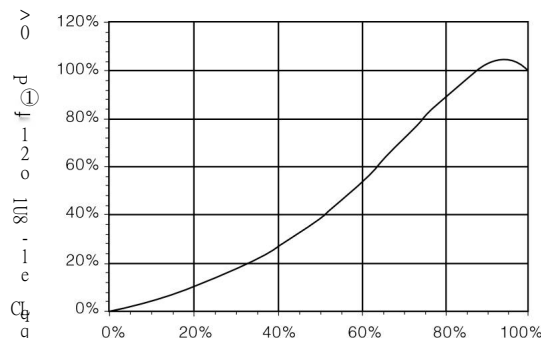
150Lb

Valve size		5°	10° 15°	20° 25°	30° 35° 40° 45° 50°	55° 60° 65° 70° 75°	80° 85° 90°
mm	inch						
80	3	1	6 14	23 31	39 47 54 62 71	82 96 112 128 143	156 163 165
100	4	2	12 26	42 57	72 85 98 113 130	150 176 205 234 262	285 299 302
150	6	16	31 45	59 76	101 134 178 233 297	369 448 531 616 698	758 796 796
200	8	30	57 82	108 140	185 246 327 427 544	676 821 974 1130 1280	1390 1460 1460
250	10	52	99 142	187 242	320 426 566 739 942	1170 1420 1690 1960 2220	2410 2530 2530
300	12	78	147 212	279 362	478 636 846 1100 1410	1750 2120 2520 2920 3310	3600 3780 3780
350	14	106	201 289	380 493	651 866 1150 1500 1920	2380 2890 3430 3980 4510	4890 5140 5140
400	16	165	313 451	594 769	1020 1350 1800 2350 2990	3720 4510 5350 6210 7040	7640 8020 8020
450	18	217	413 594	782 1010	1340 1780 2370 3090 3940	4890 5940 7050 8180 9270	10100 10600 10600
500	20	268	509 733	965 1250	1650 2200 2920 3820 4860	6040 7340 8710 10100 11400	12400 13000 13000
600	24	386	734 1060	1390 1800	2380 3170 4210 5500 7000	8700 10600 12500 14500 16500	17900 18800 18800
700	28	559	1060 1530	2010 2610	3450 4590 6100 7960 10100	12600 15300 18200 21100 23900	25900 27200 27200
750	30	630	1200 1720	2270 2940	3880 5160 6870 8960 11400	14200 17200 20400 23700 28900	29200 30700 30700
800	32	719	1370 1970	2590 3360	4440 5900 7840 10200 13000	16200 19700 23300 27100 30700	33300 35000 35000
900	36	884	1680 2420	3180 4120	5450 7250 9630 12600 16000	19900 24200 28700 33300 37700	40900 43000 43000
1000	40	1170	2220 3190	4210 5450	7210 9580 12700 16600 21200	26300 31900 37900 44000 49800	54100 56900 56900
1050	42	1230	2340 3370	4440 5760	7610 10100 13400 17600 22400	27800 33700 40000 46500 52600	57100 60000 60000
1200	48	1640	3120 4490	5920 7670	10100 13500 17900 23400 29800	37000 45000 53400 61900 70100	76100 80000 80000

150Lb

Valve size		5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°
mm	inch																		
80	3	1	6	14	23	31	39	47	54	62	71	82	96	112	125	143	156	163	165
100	4	2	12	26	42	57	72	85	98	113	130	150	176	205	234	262	285	299	302
150	6	6	25	41	54	69	91	121	162	212	268	334	407	482	559	634	689	725	725
200	8	11	45	74	98	126	166	222	298	389	492	613	746	884	1030	1160	1260	1330	1330
250	10	19	82	135	178	229	301	402	540	705	891	1110	1350	1600	1860	2110	2290	2410	2410
300	12	29	122	202	266	342	450	601	807	1050	1330	1660	2020	2400	2780	3150	3420	3600	3600
350	14	39	167	274	363	466	613	818	1100	1430	1810	2260	2750	3260	3780	4290	4660	4900	4900
400	16	58	248	408	539	692	910	1220	1630	2130	2690	3360	4090	4840	5610	6370	6920	7280	7280
450	18	77	326	537	710	911	1200	1600	2150	2810	3550	4420	5380	6380	7400	8390	9110	9590	9590
500	20	95	403	663	876	1130	1480	1980	2650	3460	4380	5460	6640	7880	9130	10400	11300	11800	11800
600	24	136	580	955	1260	1620	2130	2850	3820	4990	6310	7860	9570	11300	13100	14900	16200	17100	17100
700	28	199	844	1390	1840	2360	3100	4150	5560	7260	9190	11400	13900	16500	19100	21700	23600	24800	24800
750	30	232	986	1620	2150	2750	3620	4840	6490	8480	10700	13400	16300	19300	22400	25400	27500	29000	29000
800	32	261	1110	1830	2420	310	4080	5450	7310	9550	12100	15000	18300	21700	25200	28600	31000	32600	32600
900	36	332	1410	2320	3070	3940	5190	6930	9300	12100	15400	19100	23300	27600	32000	36300	39400	41500	41500
1000	40	399	1700	2790	3690	4740	6230	8330	11200	14600	18400	23000	28000	33200	38400	43600	47400	49900	49900
1050	42	457	1940	3200	4230	5430	7140	9540	12800	16700	21100	26300	3200	38000	44000	50000	54200	57100	57100
1200	48	480	2040	3360	4440	5700	7500	10000	13400	17500	22200	27700	33700	39900	46300	52500	57000	60000	60000

CV曲线图表CV curve



农
机
翅

阀门开启百分比Per cent of rated travel

三偏心全金属双向压蝶阀

»> Tri-eccentric Metal to Metal Bi-direction Butterfly Valve

三偏心蝶阀扭矩值 Triple Offset Butterfly Valve Torques(NM)

三偏心硬密封蝶阀 Triple Offset Metal-seated Butterfly Valve

阀门口径 Valve Size		Class 1501b		Class 3001b		Class 6001b	
mm	inch	Cv	Kv	Cv	Kv	Cv	Kv
80	3"	165	143	165	143	150	130
100	4"	290	251	290	251	250	216
150	6"	790	684	725	628	600	519
200	8"	1460	1264	1330	1152	1080	935
250	10"	2200	1905	2110	1827	1700	1472
300	12"	3780	3273	3500	3030	2520	2182
350	14"	5140	4450	4620	4000	4068	3522
400	16"	6940	6009	6280	5437	5380	4658
450	18"	9500	8225	8590	7437	7470	6468
500	20"	13000	11255	11500	9957	9820	8502
600	24"	18800	16277	16180	14009	14940	12935
700	28"	27200	23550	23400	20260		
750	30"	30700	26580	29000	25108		
800	32"	35000	30303	32600	28225		
900	36"	43000	37229	41500	25931		
1000	40"	56900	49264	49900	43203		
1050	42"	61700	53419	57100	49437		
1200	48"	81000	70130	74000	64069		

三偏心蝶阀扭矩值 Triple Offset Butterfly Valve Torques(NM)

公称尺寸		公称压力PN/MPa						CL		
		0.6	1.0	1.6	2.5	4.0	6.4	150	300	600 I
DN/mm	NPS/in	力矩/N.m								
50	2	22	26	33	53	75	114	35	83	165
65	2 1/2	26	31	54	73	95	127	60	115	191
80	3	30	51	73	90	135	260	155	251	415
100	4	55	92	125	165	245	470	225	355	750
125	5	93	148	205	260	370	570	270	500	880
150	6	160	225	410	500	710	950	425	785	2700
200	8	180	360	540	720	1080	1400	604	1350	3330
250	10	317	466	850	1125	1675	2425	885	1700	5085
300	12	571	895	1220	2530	2185	2835	1820	2250	10650
350	14	737	1460	2010	2550	3650	4350	2265	3745	12700
400	16	945	1750	2550	3365	4975	5825	2700	5330	15350
450	18	1305	2205	3100	3970	5800	12100	3615	6685	18945
500	20	1840	2956	4075	5190	7425	15250	4700	8800	23895
600	24	2500	4995	5415	8545	12000	22120	5100	15100	34550
700	28	2772	5697	6200	12700	20450	24500	8585	23750	39750
750	30	2900	6050	6930	14895	23825	27500	10750	28150	43750
800	32	3520	6576	7880	17865	28500	30500	12300	33745	48950
900	36	4747	7626	8775	23795	32550	34500	15350	44950	56350
1000	40	6225	10545	12200	31995	39000	39500	20570	60500	67595
1050	42	7320	17725	14640	36000	46500	49500	24185	68150	81150
1200	48	11285	18505	21000	44000	55700	65000	30735	78400	101500
1300	52	16470	19625	26950	49000			33850	90150	116050
1400	56	22815	23930	31410	55000			38500	103500	
1500	60	23795	32540	39050	65000			42000	111500	
1600	64	36765	39000	43700	76500			46500	133000	

三偏心蝶阀材质表 Triple Eccentric Butterfly Valve Material Table

材质表 Materials List

Astm Standard	Chemical compositions (%)						
	C max	Mn max	P max	S max	Si max	Cr	Mo
A216 WCB	0.30	1.00	0.040	0.045	0.60	^0.50	多 0.20
A216 WCC	0.25	1.20	0.040	0.045	0.60	^0.50	<0.20
A352 LC3	0.15	0.50-0.80	0.040	0.045	0.60	/	1
A217 WC6	0.05-0.20	0.50-0.80	0.040	0.045	0.60	1.00-1.50	0.45-0.65
A217 WC9	0.05-0.18	0.40-0.70	0.040	0.045	0.60	2.00-2.75	0.9-1.20
A217C5	0.20	0.40-0.70	0.040	0.045	0.75	4.00-6.50	0.45-0.65
A361 CF3	0.03	1.50	0.040	0.040	2.00	17.0-21.0	^0.50
A361 CF3M	0.03	1.50	0.040	0.040	1.50	17.0-21.0	2.0-3.0
A351 CF8	0.08	1.50	0.040	0.040	2.00	18.0-21.0	^0.50
A351 CF8M	0.08	1.50	0.040	0.040	1.50	18.0-21.0	2.0-3.0
A351 CF8C	0.08	1.50	0.040	0.040	2.00	18.0-21.0	^0.50
A351 CN7M	0.07	1.50	0.040	0.040	1.50	19.0-22.0	2.0-3.0
A105	0.35	0.60-1.50	0.035	0.040	0.10-0.35	^0.30	<0.12
A182 F6A	0.15	1.00	0.040	0.030	1.00	11.5-13.5	1
A182F304	0.08	2.00	0.045	0.030	1.00	18.0-20.0	1
A182 F304L	0.03	2.00	0.045	0.030	1.00	18.0-20.0	1
A182F316	0.08	2.00	0.045	0.030	1.00	16.0-18.0	2.0-3.0
A182 F316L	0.03	2.00	0.045	0.030	1.00	16.0-18.0	2.0-3.0
A182F321	0.08	2.00	0.045	0.030	1.00	17.00-19.00	/
A182F11	0.10-0.20	0.30-0.80	0.040	0.040	0.50-1.00	1.0-1.5	0.44-0.65
A182F22	0.05-0.15	0.30-0.60	0.040	0.040	0.50	2.0-2.5	0.87-1.13
A182 F5	0.15	0.30-0.60	0.030	0.030	0.50	4.0-6.0	0.44-0.65
A350 LF2	0.3	0.60-1.35	0.035	0.040	0.15-0.30	<0.30	<0.12
A276 410	0.08-0.15	1.00	0.040	0.030	1.00	11.5-13.5	1
A276 420	0.15	1.00	0.040	0.030	1.00	12.0-14.0	/
A276 321	0.08	2.00	0.045	0.030	1.00	17.0-19.0	1
A320 L7	0.38-0.48	0.75-1.00	0.035	0.040	0.15-0.35	0.80-1.10	0.15-0.25
A320 L7M	0.38-0.48	0.75-1.00	0.035	0.040	0.15-0.35	0.80-1.10	0.15-0.25
A193B7	0.37-0.49	0.65-1.10	0.035	0.040	0.15-0.35	0.75-1.20	0.15-0.25
A193 B7M	0.37-0.49	0.65-1.10	0.035	0.040	0.15-0.35	0.75-1.20	0.15-0.25
A193B16	0.36-0.47	0.45-0.70	0.035	0.040	0.15-0.35	0.80-1.15	0.50-0.65
A193 B8	0.08	2.00	0.045	0.030	1.00	18.0-20.0	/
A193 B8M	0.08	2.00	0.045	0.030	1.00	16.0-18.0	2.00-3.00
A194 2H	≦ 0.40	1.00	0.040	0.050	0.40	/	/
A1947	0.38-0.48	0.75-1.00	0.035	0.040	0.15-0.35	0.80-1.10	0.15-0.25
A194 8	0.08	2.00	0.045	0.030	1.00	18.0-20.0	/
A194 8M	0.08	2.00	0.045	0.030	1.00	16.0-18.0	2.00-3.00

三偏心蝶阀材质表 Triple Eccentric Butterfly Valve Material Table

材质表 Materials List

Chemical compositions (%)			Mechanical Properties				Hardness Brinell min
Ni	CU max	V max	Tensile [MPa]min	Yield [MPa]min	Elongation [%]min	Reduction [%]min	
^0.50	0.30	0.03	485-655	250	22	35	187
多 0.50	0.30	0.03	485-655	275	22	35	/
3.00-4.00	1	/	485-655	275	24	35	/
0.50	0.50	/	485-655	275	20	35	/
0.50	0.50	/	485-655	275	20	35	1
0.50	0.50	/	620-795	415	18	35	/
8.0-12.0	1	/	485	205	35	/	1
9.0-13.0	1	/	485	205	30	/	1
8.0-11.0	/	/	485	205	35	/	1
9.0-12.0	1	/	485	205	30	1	1
9.0-12.0	/	/	485	205	30	/	1
27.5-30.5	3.0-4.0	/	425	107	35	/	1
<0.40	0.40	0.08	485	250	22	30	187
^0.50	1	/	485	275	18	35	143-207
8.0-11.0	/	1	515	205	30	50	1
8.0-13.0	1	/	485	170	30	50	1
10.0-14.0	/	1	515	205	30	50	/
10.0-15.0	1	/	485	170	30	50	1
9.0-12.0	1	1	515	205	30	50	/
/	1	/	485	275	20	30	143-207
/	1	/	415	205	20	30	170
多 0.50	1	/	485	275	20	35	143-217
<0.40	0.40	0.08	485-655	250	22	30	/
/	1	/	480	275	16	50	1
/	/	/	/	/	/	/	241
9.0-12.0	1	/	515	205	30	40	1
/	/	/	860	725	16	50	1
1	/	/	100	80	16	50	235
/	/	/	860	720	16	50	321
1	1	/	690	550	18	50	235
		0.25-0.35	860	725	18	50	321
8.00-11.00	1	/	515	205	30	50	223
10.0-14.0	1	/	515	205	30	50	223
1	1	/	/	1	/	/	248-352
/	/	/	1	/	/	/	248-352
8.0-11.0	1	/	/	1	/	/	126-300
10.0-14.0	/	/	1	/	/	/	126-300



По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93