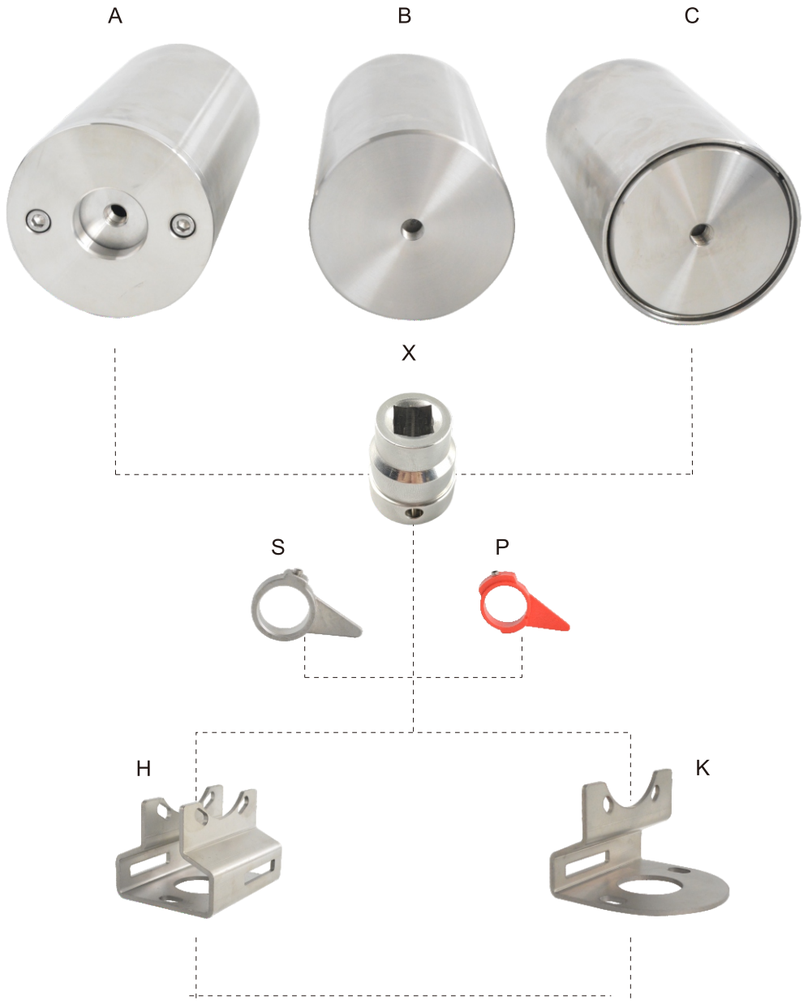


A	双作用 Double-Acting	H	双支架 Double stents
B	闭式单作用 Closed type single action	K	单支架 Unilateral stents
C	开式单作用 Open single action	P	塑料指示针 Plastic pointer
X	方心连接器 Square connector	S	不锈钢指示针 Stainless steel needle

焊接式
Welding Type



卡箍式
Clamp Type



外螺纹蝶阀
Threaded Butterfly Valve



螺纹式
Threaded Type



三片式
Three Piece Type



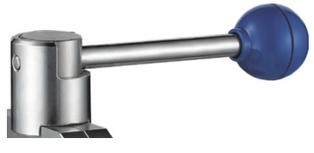
蝶阀（一边外螺纹，一边平接头/螺母）
Butterfly Valve(Male/Liner+Nut)



法兰式
Flange Type



拉杆手柄
Pull Handle



鸭嘴手柄
Multi-position Handle



Synopsis 简介

◎The butterfly valve is used to connect pipelines or equipment ,with a handle to control the flow of media in the pip by rotation. Sanitary butterfly valves are widely used in the pharmaceutical and food industries.

◎蝶阀用于连接管道或设备，带有手柄，可通过旋转控制管道中介质的流量。卫生级蝶阀广泛应用于制药和食品行业。

Description 设计说明

◎The body of Sanitary butterfly valve use 304/316L stainless steel. Handles are in two materials, plastic or stainless steel. The sealing material will be EPDM or silicone or fluorine rubber as required.The inside and outside of the product are dealt with by high-grade polishing equipment to meet the brightness requirements.

◎卫生级蝶阀阀体采用 304/316L 不锈钢。手柄有塑料和不锈钢两种材质。密封材料根据需要采用三元乙丙橡胶（EPDM）或硅橡胶或氟橡胶，产品内外均采用高档抛光设备处理，以达到光亮度要求。

Working principle 工作原理

◎The butterfly valve is used to connect pipelines or equipment ,with a handle to control the flow of media in the pip by rotation.The built-in seal ensures that there will be no leakage .When you want to adjust the medium flow rate, turn the handle by hand, the valve piece inside will be rotated to controll the flow rate.
◎This series butterfly valve is either remote-controlled by means of an actuator or manually operated by means of a handle.The actuator is made in three standard versions, normally closed(NC), normally open (NO) and air/air activated (A/A). The actuator is designed so that an axial movement of a pistonis transformed into a 90” rotation of a shaft. The torque of the actuator is increased when the valve disc contacts the seal ring of the butterfly valve.valve is cosed.Selected The handle for manual operation mechanically can lockthe valve in open,close,middle or other positions to control the flow rate

◎蝶阀用于连接管道或设备，带有手柄，可通过旋转控制管道中介质的流量，内置密封件可确保无泄漏。当需要调节介质流量时，用手转动手柄，内部的阀片就会旋转，从而控制流量。
◎该系列蝶阀既可通过一个气动头进行遥控操作，也可以通过一个手柄进行手动操作。执行器有三种标准款型，即常闭(NC)型，常开(NO)型和空气/空气(A/A)型。执行器将一个活塞的轴向运动转换为阀门轴的90°旋转运动。当阀门体内的圆形蝶片接触到蝶阀的密封圈上时，执行器的扭矩增大，关闭阀门。选择不同的手动操作用的手柄可将阀门机械式锁定在开启,关闭,中间或其它的位置上。实现对流量进行调节。

Features 特点

◎Simple structure and easy to operate
◎Small size and low weight
◎Handle can bear larger torque, not easy to break
◎Seal ring has good sealing, strong acid and alkali resistance and high temperature tolerance.
◎All materials can be traced, and the test reports can be provided.

◎结构简单，易于操作
◎体积小、重量轻
◎手柄可承受较大扭矩，不易折断
◎密封环具有良好的密封性、较强的耐酸碱性和较高的耐温性。
◎所有材料均可追溯，并可提供检测报告。

Application 应用

◎Sanitary threading butterfly valves are widely used in the pharmaceutical and food industries.
◎Because of the large opening area and the small positive force of fluid, it can handle low and medium viscosity products.

◎卫生级螺纹蝶阀广泛应用于制药和食品行业。
◎由于开口面积大，流体阻力小,对中低粘度性的产品有比较乘和的处理。

Technical design SPEC 技术规格

◎Size：1”-4”, DN25-DN100
◎Working temperature：-10℃ to +120℃（EPDM）
◎Max. pressure：10bar（DN-25/100）
◎Min. pressure：0.2bar p.abs
◎Connection method:threaded
◎Body material：304stainless steel or 316 stainless steel
◎Seal material: EPDM,Silicone , Fluorine rubber

◎尺寸：1"-4", DN25-DN100
◎工作温度：-10℃ 至 +120℃（EPDM）
◎最大压力：10 巴（DN-25/100）
◎最小压力：0.2bar p.abs
◎连接方法：线程
◎机身材料：304 不锈钢或 316 不锈钢
◎密封材料：三元乙丙橡胶、硅树脂、氟橡胶

Options 选项

◎Handle: two-position handle, three-position handle, four positionpull rod handle, multi-position plastic handle and multi-positionstainless steel handle
◎Actuator: pneumatic stainless steel actuator, pneumatic aluminumactuator. electric actuator

◎手柄:二定位，三定位，四定位拉杆手柄，多位塑料手柄，多位不锈钢手柄.
◎执行器:不锈钢气动执行器，铝制气动执行器，电动执行器

Process 工艺流程

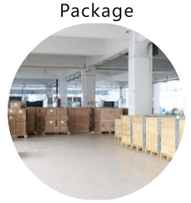
1.锻造成型
Forging



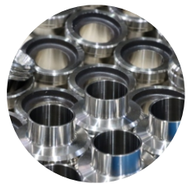
2.机床粗加工
Machine tool rough machining



9.包装
Package



3.数控精加工
CNC finishing





8.激光打字
Laser typing





4.加工中心开孔
Machining center opening



5.超声波清洗
Ultrasonic cleaning



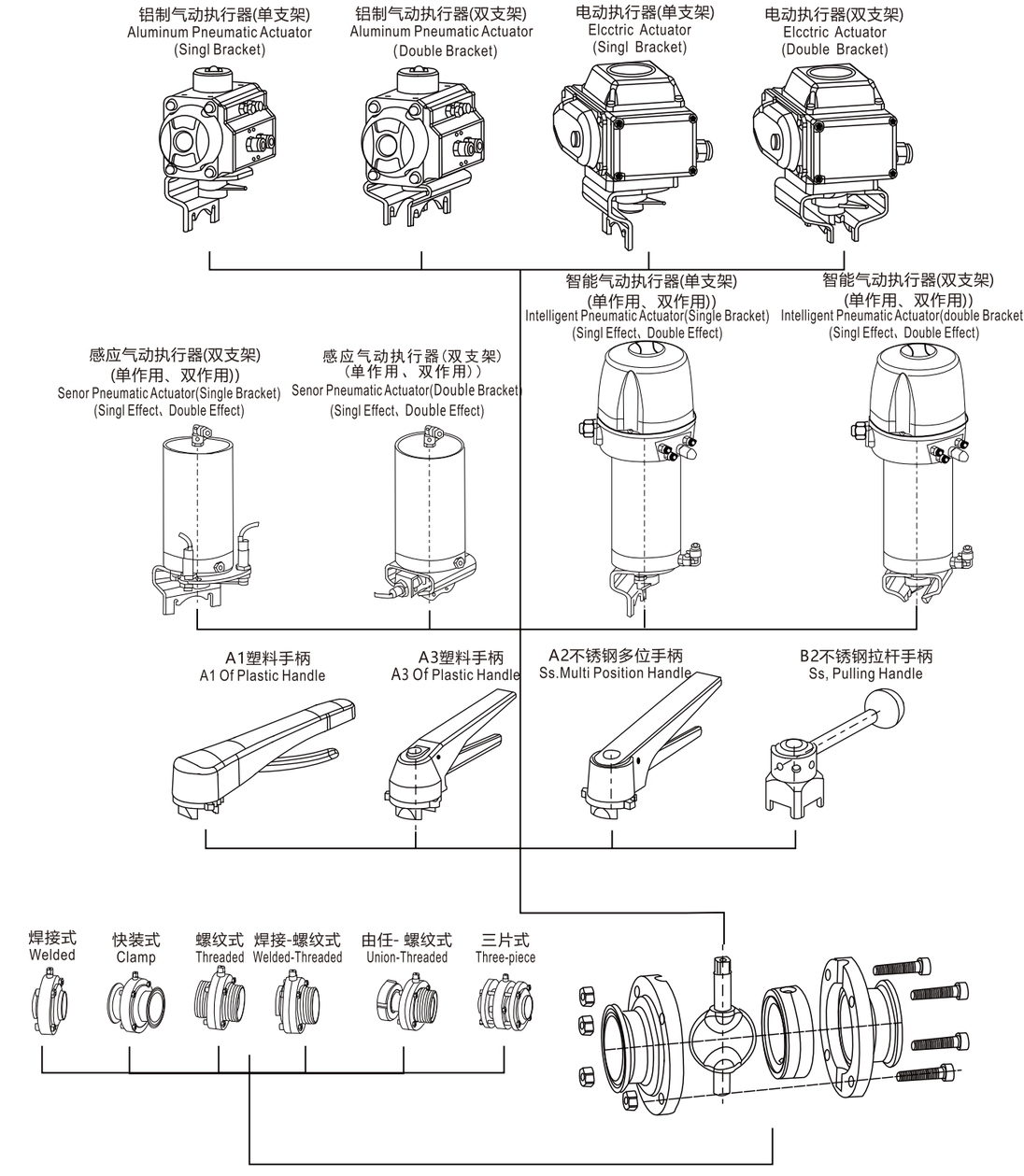
6.无尘车间组件
Cleanroom components



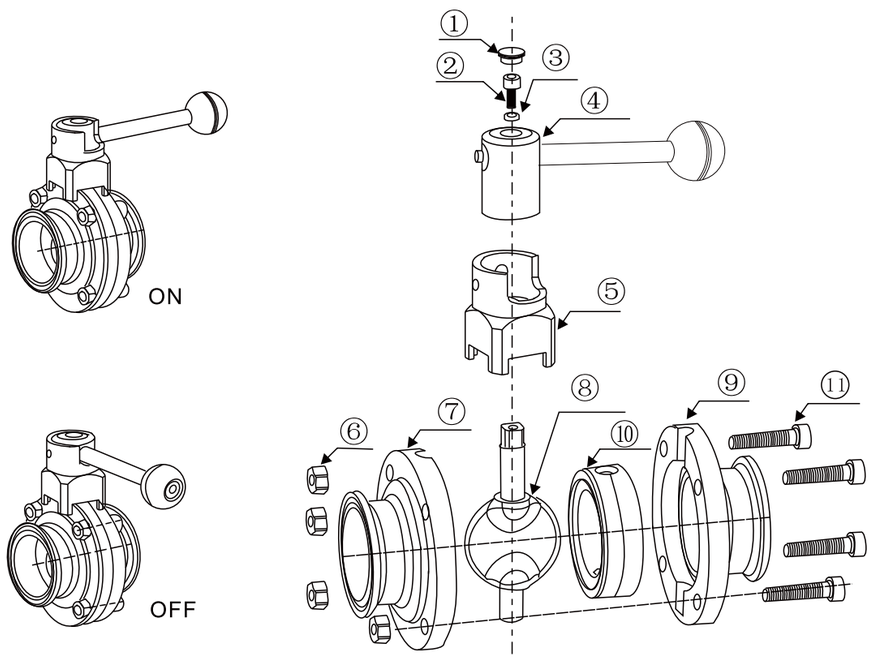
7.气压测试
Air pressure test

Each product has gone through 11 production processes with process card, we canclearly know the person in charge of each process, to ensure product quality!
每个产品都经过11道加工工序，并配有流程卡;我们可以清楚的知道每个流程的负责人,以确保产品质量!

Different options 不同选项

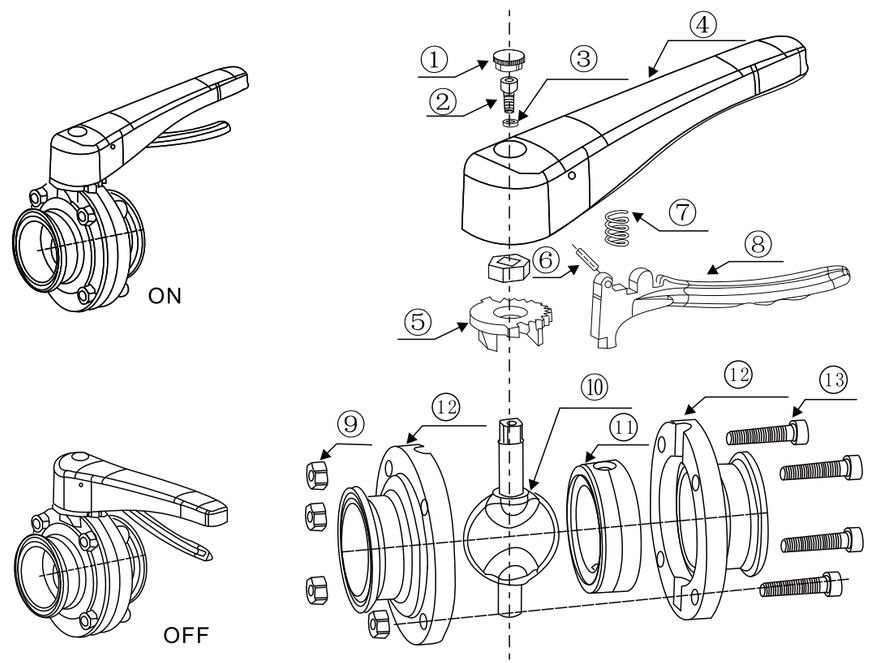


Trolley handle 拉杆手柄



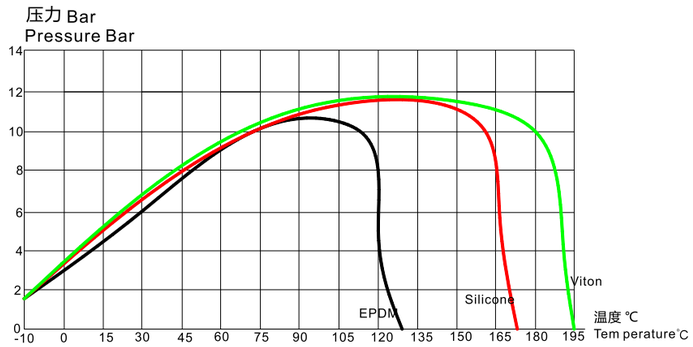
SEQUENCES	NAME
1	Plug
2	Bolt
3	Spring Washer
4	Rotating Shaft
5	locating Slceve
6	Nut
7	Valve Body 1
8	Butterfly Plate
9	Valve Body 2
10	Gasket
11	Bolt

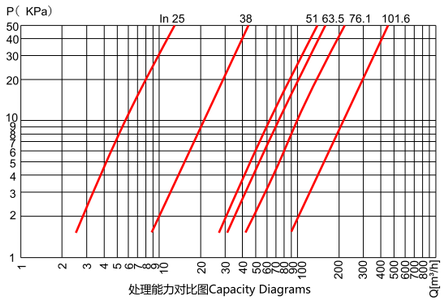
Multi-position handle 多位手柄

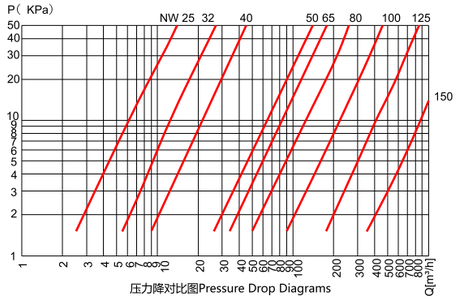


SEQUENCES	NAME
1	Plug
2	Bolt
3	Spring Washer
4	Plastic Handle
5	Gear
6	Pin
7	Spring
8	Handle
9	Nut
10	Butterfly Plate
11	Gasket
12	Valve Body
13	Bolt

检验标准（Test&Inspection):
产品型号（Product Style):
公称压力（Working Pressure):0~10bar
适用温度（Temperature Range):EPDM(-10~+110℃)、Silicone(-10~+160℃)、FPM(-10~+180℃)
材质（Material):304/ 316L (1.4301 / 1.4404)







蝶阀KV值 (阀全开) 参考值 (0.1MPa)
Butterfly valve KV value(Valve fully open)reference point(0.1MPa)

SIZE	1/2"-3/4"	1"/DN25	1.25"/DN32	1.5"/DN40	2"/DN65	2.5"/DN65	3"/DN80	4"/DN100	5"/DN125
KV	18	18	23	23	25	45	70	110	180

Torque gauge 扭矩表

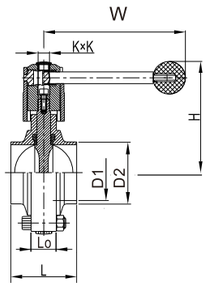
Here we added the unit for each.

Butterfly valve 普通蝶阀	opening torque 开启扭矩	closing torque 关闭扭矩	Max torque for stem 阀杆最大扭矩	Shaft size 轴的尺寸
25	1.5N.m	3N.m	30N.m	10mm
38	2.5N.m	5N.m	50N.m	10mm
51	3N.m	6N.m	60N.m	12mm
63	3.5N.m	7N.m	60N.m	12mm
76	7N.m	14N.m	140N.m	13.5mm
102	10N.m	20N.m	140N.m	15mm

Product Types 产品类型	Core Functions 核心作用	Main Applications 主要应用场景
Solenoid Valves 电磁阀	The electrically controlled switch in the pneumatic circuit converts electrical signals into pneumatic on/off states. 气路的电控开关，将电信号转换为气路通断。	Controls the "open" or "close" action of pneumatic actuators. 控制气动执行器的"开"或"关"动作
Proximity Switches 接近开关	The valve position status sensor detects whether the valve is in the correct position. 阀位的状态传感器，检测阀门开关是否到位。	Valve open/close signal feedback and safety interlock. 阀门开关到位信号反馈、安全连锁。
Smart Heads 智能头	The valve's intelligent control unit integrates control, diagnostic, and communication functions. 阀门的智能大脑，集成控制、诊断、通信功能	Intelligent valves requiring remote management, fault diagnosis, and process optimization. 需要远程管理、故障诊断和过程优化的智能阀门
Positioners 定位器	The precise valve position regulator controls the valve to accurately reach and maintain any desired position. 阀位的精准调节器，控制阀门精确到达并保持任意	Control valves requiring precise and continuous flow regulation. 需要精确、连续调节流量的控制阀

Comparison Dimensions 对比维度	Single-acting pneumatic actuator 单作用气动头	Double-acting pneumatic actuator 双作用气动头	Electric actuator 电动头
Power Source 动力源	Compressed air (+built-in spring) 压缩空气(+内置弹簧)	Compressed air (bidirectional air intake) 压缩空气(双向进气)	Electric power (motor driven) 电力(电机驱动)
Core Structure 核心结构	Cylinder + high-stiffness return 气缸+大刚度复位弹簧	Bidirectional cylinder, no return spring 双向气缸，无复位弹簧	Motor + gearbox + control module 电机+齿轮箱+控制模块
Typical Fault Actions 典型故障动作	spring Automatic return (on or off) 自动归位(开或关)	Stay in place (requires backup power for return) 停在原位(浮动)	Stay in place (floating) 停在原位(需备电归位)
Response Speed 响应速度	Extremely fast (spring-accelerated return) 极快(弹簧加速复位)	Extremely fast (bidirectional pneumatic drive) 极快(双向气压驱动)	Slow 慢
Control Accuracy 控制精度	Medium 中	Medium 中	High 高
Explosion-proof Characteristics 防爆特性	Intrinsically safe 本质安全	Intrinsically safe 本质安全	Requires explosion-proof/increased safety design 需隔爆/增安等防爆设计
Overload Protection 过载保护	Excellent 优秀	Excellent 优秀	Poor 差
Actuator Cost 执行器成本	High (spring increases cost) 高(弹簧增加成本)	Low (simplest structure) 低(结构最简单)	Medium-high 中高

焊接式蝶阀

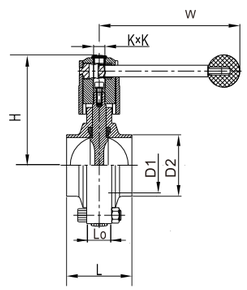




Welded Butterfly Valve **JN-BFVFB-23 1001**

SIZE	D1	D2	W	L	Lo	H	K×K	T
DN20	19	22	125	50	20	68	8×8	77×20
DN25	25	28	125	50	20	68	8×8	77×20
DN32	31	34	125	50	20	70	8×8	77×20
DN40	37	40	125	50	20	74	8×8	89×20
DN50	49	52	135	52	22	82	10×10	106×22
DN65	66	70	135	58	22	93	10×10	125×22
DN80	81	85	160	62	22	102	10×10	139×22
DN100	100	104	160	66	22	112	10×10	160×22
DN125	125	129	205	80	28	128	14×14	185×28
DN150	150	154	205	90	28	147	14×14	214×28
DN200	198	204	300	92	36	183	17×17	286×36
DN250	248	254	300	100	36	210	19×19	340×36

焊接式蝶阀

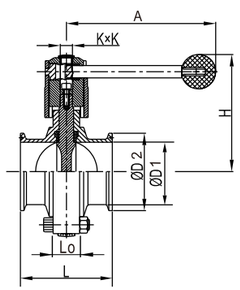




Welded Buterfly Valve **JN-BFVFB-23 1002**

SIZE	D1	D2	W	L	Lo	H	K×K	T
Φ12.7	9.7	12.7	125	50	20	68	8×8	77×20
Φ19	19.1	16.1	125	50	20	68	8×8	77×20
Φ25	25.4	22.4	125	50	20	68	8×8	77×20
Φ32	31.8	28.8	125	50	20	68	8×8	77×20
Φ38	38.1	35.1	125	50	20	72	8×8	82×20
Φ45	45	42	125	50	20	74	8×8	89×20
Φ51	50.8	47.8	135	52	22	79	10×10	100×22
Φ57	57	53	135	52	22	83	10×10	106×22
Φ63.5	63.5	59.5	135	56	22	86	10×10	114×22
Φ76	76.2	72.5	135	58	22	96	10×10	128×22
Φ89	89	85	160	60	22	102	10×10	139×22
Φ102	101.6	97.6	160	66	22	110	10×10	155×22
Φ108	108	104	160	66	22	112	10×10	155×22
Φ133	133	129	205	80	28	128	14×14	184×28
Φ152	152.4	146.8	205	90	28	147	14×14	214×28
Φ203	204	198	300	92	36	183	17×17	286×36
Φ219	219	213	300	92	36	183	17×17	286×36
Φ254	254	248	300	100	36	210	19×19	340×36
Φ273	273	267	300	100	36	210	19×19	340×36

卡箍式蝶阀

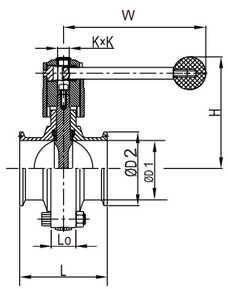




Clamped Butterfly Valve **JN-BFVFB-23 1003**

SIZE	D		W	L	Lo	H	K×K	T
	1	2						
DN25	25	50. 5	125	66	20	68	8×8	77×20
DN32	31	50. 5	125	66	20	70	8×8	77×20
DN40	37	50. 5	125	66	20	74	8×8	89×20
DN50	49	64	135	72	22	82	10×10	106×22
DN65	66	91	135	76	22	93	10×10	125×22
DN80	81	106	160	80	22	102	10×10	139×22
DN100	100	119	160	86	22	112	10×10	160×22
DN125	125	145	205	100/122	28	128	14×14	185×28
DN150	150	167	205	110/132	28	147	14×14	214×28
DN200	198	217.7	300	120/140	36	183	17×17	286×36
DN250	248	268.5	300	142	36	210	19×19	340×36

卡箍式蝶阀

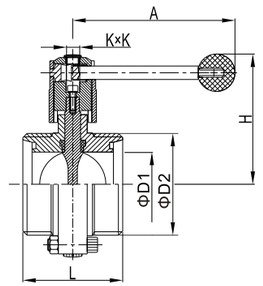




Clamped Buterfly Valve **JN-BFVFB-23 1004**

SIZE	D		A	L	Lo	H	K×K	T
	1	2						
Φ19	16.1	50. 5	125	66	20	68	8×8	77×20
Φ25	22.4	50. 5	125	66	20	68	8×8	77×20
Φ32	28.8	50. 5	125	66	20	68	8×8	77×20
Φ38	35.1	50. 5	125	66	20	72	8×8	82×20
Φ45	42	64	125	70	20	74	8×8	89×20
Φ51	47.8	64	135	72	22	79	10×10	100×22
Φ57	53	77.5	135	76	22	83	10×10	106×22
Φ63.5	59.5	77.5	135	76	22	86	10×10	114×22
Φ76	72.2	91	135	76	22	96	10×10	128×22
Φ89	85	106	160	84	22	102	10×10	139×22
Φ101.6	97.6	119	160	86	22	110	10×10	155×22
Φ108	104	119	160	86	22	112	10×10	155×22
Φ133	128	145	205	100	28	128	14×14	184×28
Φ159	153.5	183	205	110	28	147	14×14	214×28
Φ203	198	217.3	300	120	36	183	17×17	286×36
Φ219	213	233.5	300	120	36	183	17×17	286×36
Φ254	248	268.5	300	142	36	210	19×19	340×36
Φ273	267	305	300	142	36	210	19×19	340×36

螺纹式蝶阀

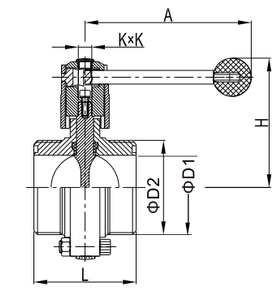




Threaded Butterfly Valve **JN-BFVFB-23 1005**

SIZE	D1	D2	K×K	L	A	H
DN25	25	Rd52×1/6″	8x8	68	135	68
DN32	31	Rd58×1/6″	8x8	68	135	70
DN40	37	Rd65×1/6″	8x8	72	135	74
DN50	49	Rd78×1/6″	10x10	76	135	82
DN65	66	Rd95×1/6″	10x10	80	135	94
DN80	81	Rd110×1/4″	10x10	90	160	102
DN100	100	Rd130×1/4″	10x10	100	160	112
DN125	125	Rd160×1/4″	10x10	143	210	128
DN150	150	Rd190×1/4″	10x10	160	210	142

螺纹式蝶阀

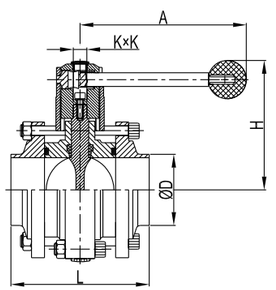




Threaded Butterfly Valve **JN-BFVFB-23 1006**

SIZE	D1	D2	K×K	L	A	H
1"	22.4	Rd40×1/6″	8×8	68	135	68
1.25"	28.8	Rd48×1/6″	8×8	68	135	69
1.5"	35.1	Rd60×1/6″	8×8	70	135	72
2"	47.8	Rd70×1/6″	10×10	76	135	79
2.5"	59.5	Rd85×1/6″	10×10	76	135	86
3"	72.2	Rd98×1/6″	10×10	80	135	96
3.5"	85	Rd110×1/6″	10×10	84	160	102
4"	97.6	Rd125×1/6″	10×10	90	160	110
4.5"	97.6	Rd132×1/6″	10×10	90	160	111

三片式蝶阀(法兰型)

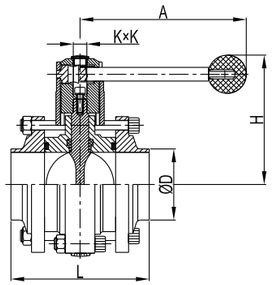




Three-Piece Butterfly Valve(Flange type) **JN-BFVFB-23 1007**

SIZE	D	K×K	L	A	H
DN25	28	8×8	100	135	68
DN32	34	8×8	100	135	70
DN40	40	8×8	100	135	74
DN50	52	10×10	104	135	82
DN65	70	10×10	108	135	94
DN80	85	10×10	110	160	102
DN100	104	10×10	116	160	112
DN125	129	12×12	138	210	128
DN150	154	12×12	152	210	142
DN200	204	14×14	162	315	183
DN250	254	14×14	210	315	210
DN300	304	14×14	240	500	257

三片式蝶阀(法兰型)

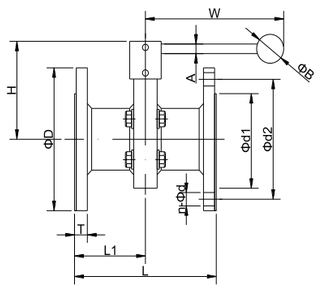




Three-Piece Butterfly Valve(Flange type) **JN-BFVFB-23 1008**

SIZE	D	K×K	L	A	H
1"	25.4	8×8	100	135	68
1 1/4"	31.8	8×8	100	135	69
1 1/2"	38.1	8×8	100	135	72
2"	50.8	10×10	104	135	79
2 1/2"	63.5	10×10	106	135	86
3"	76.2	10×10	108	135	96
3 1/2"	88.9	10×10	112	160	102
4"	101.6	10×10	116	160	110
5"	127	12×12	138	210	128
6"	152.4	12×12	152	210	147
8"	203.2	14×14	162	315	183
10"	254	14×14	210	315	210

法兰蝶阀

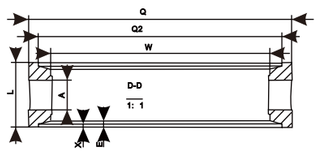




Flange Butterfly Valve **JN-BFVFB-23 1009**

DN	d1	d2	D	L	L1	T	H	W	n-Φd
15	45	65	90	135	86	12	117	135	4-14
20	55	75	100	135	86	12	117	135	4-14
25	65	85	110	135	86	13	117	135	4-14
32	78	100	130	135	86	13	119	135	4-18
40	85	110	140	135	86	14	121	135	4-18
50	100	125	155	150	96	16	128	135	4-18
65	120	145	175	150	104	16	140	135	4-18
80	135	160	190	160	108	17	140	160	8-18
100	155	180	213	160	120	18	145	160	8-18
125	185	210	240	180	150	20	164	210	8-18
150	210	240	275	200		20	178	210	8-22
200	265	295	330	230		22	214	315	8-22
250	320	350	385	250		24	241	315	12-22
300	375	400	435	250		24	268	500	12-22

密封圈

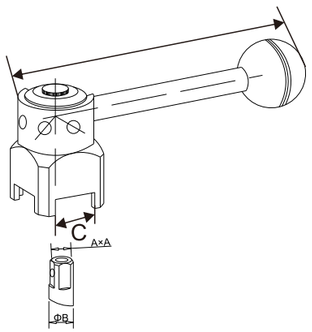




Butterfly Valve Seal **JN-BFVFB-23 1010**

SIZE	Q	Q2	W	L	X	E	A
25	37	30	24	19.2	1.5	2	8.5
32	44	38	29	18.5	1	2	8.5
38	51	44	36	20	1.5	2.2	8.5
51	66.5	59	49.5	22.5	2	2.5	10.5
63	78.5	70	60	24.7	1.5	2.5	10.5
76	89	82	71	27.5	1.8	2.5	12
89	101	92.8	85	28.5	2.4	3	12
102	119	111.5	99	29.3	1.8	3	13.5

Wb型 方头拉式手柄



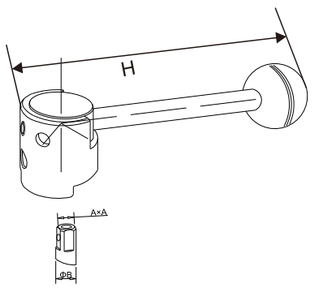


Wb type Square Pull Handle **JN-BFVFB-23 1011**

SIZE	A	C	H
Φ19-Φ45	8×8	20	157
Φ51-Φ102	10×10	22	180

调节方式：2个定位、3个定位、4个定位；可装配所有蝶阀。
Adjusting:2 position、3position、4position used for butterfly valve

Wb型 圆头拉式手柄



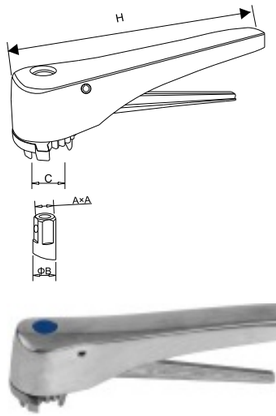


Wb type Round Pull Handle **JN-BFVFB-23 1012**

SIZE	A	C	H
Φ19-Φ45	8×8	20	157
Φ51-Φ102	10×10	22	180

调节方式：2个定位、3个定位、4个定位；可装配所有蝶阀。
Adjusting:2 position、3position、4position used for butterfly valve

Wd型 不锈钢多位手柄

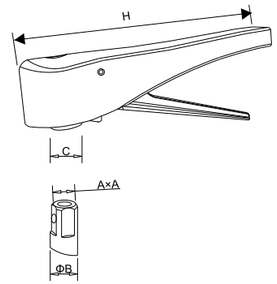


Wd type Stainless Steel Multi-position Handle **JN-BFVFB-23 1013**

SIZE	A×A	C	H
Φ19-Φ45	8×8	20	157
Φ51-Φ102	10×10	22	180

调节方式：可通过15°位置调节开启大小，共有十三个档位，可装配所有蝶阀。
Adjusting:adjustment 15°，13 position used for butterfly valve

We型 塑料多位手柄

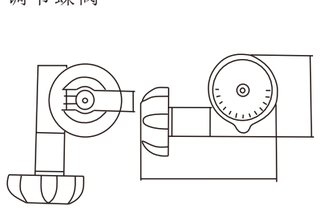


Wd type Plastic Multi-position Handle **JN-BFVFB-23 1014**

SIZE	A×A	C	H
Φ19-Φ45	8×8	20	157
Φ51-Φ102	10×10	22	180

调节方式：可通过15°位置调节开启大小，共有十三个档位，可装配所有蝶阀。
Adjusting:adjustment 15°，13 position used for butterfly valve

调节蝶阀



Adjusting butterfly valve **JN-BFVFB-23 1015**

MODEL NO	FOR VBN SIZE		K*K	W
W1-08	1/2"-1.5"	DN10-DN40	8*8	20-30
W1-10	2"-3"	DN50-DN65	10*10	
W1-11	3.5"-4"	DN80-DN100	11*11	