

07

衬氟阀门系列

FLUORINE LINED VALVE SERIES



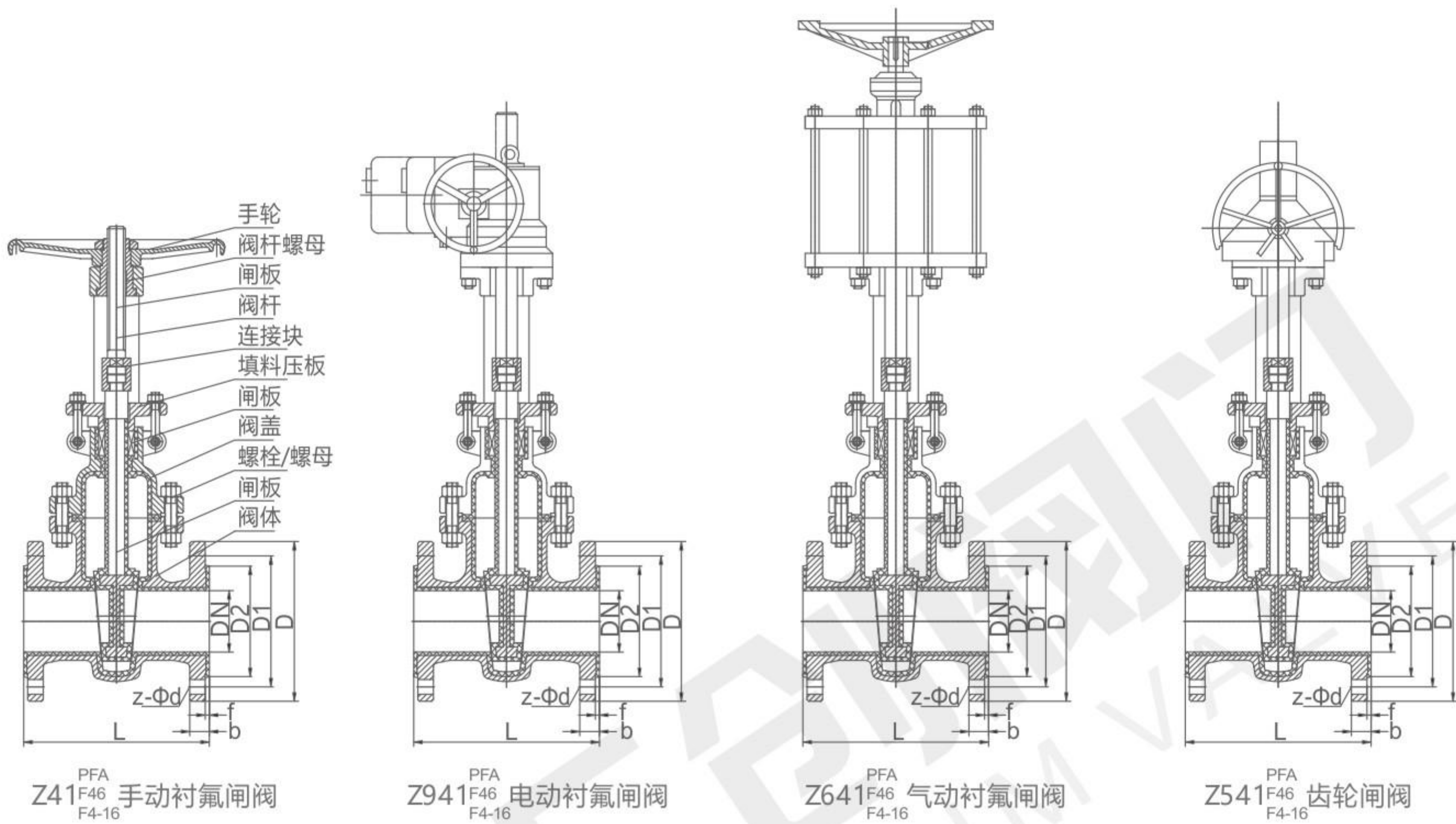
提供
一站式阀门
解决方案

PROVIDE ONE-STOP
VALVE SOLUTIONS

衬氟闸阀

Fluorine lined gate valve

衬氟阀门系列
 FLUORINE LINED VALVE SERIES



结构特点：

衬氟闸阀是阀门的一种。衬氟闸阀的启闭件是闸板，闸板的运动方向与流体方向相垂直，闸阀只能作全开和全关，不能作调节和节流。

闸板有两个密封面，最常用的模式闸板阀的两个密封面形成楔形、楔形角随阀门参数而异，通常为5°，介质温度不高时为2°52'。

楔式闸阀的闸板可以做成一个整体，叫做刚性闸板；也可以做成能产生微量变形的闸板，以改善其工艺性，弥补密封面角度在加工过程中产生的偏差，这种闸板叫做弹性闸板。

- 本系列产品具有以下特点：
- 1、流体阻力小，密封面受介质的冲刷和侵蚀小。
 - 2、开闭较省力。
 - 3、介质流向不受限制，不扰流、不降低压力。
 - 4、形体简单，结构长度短，制造工艺性好，适用范围广。

Structural characteristics:

Fluorine lined gate valve is a type of valve. The opening and closing component of the fluorine lined gate valve is the gate, and the movement direction of the gate is perpendicular to the direction of the fluid. The gate valve can only be fully open and fully closed, and cannot be adjusted or throttled.

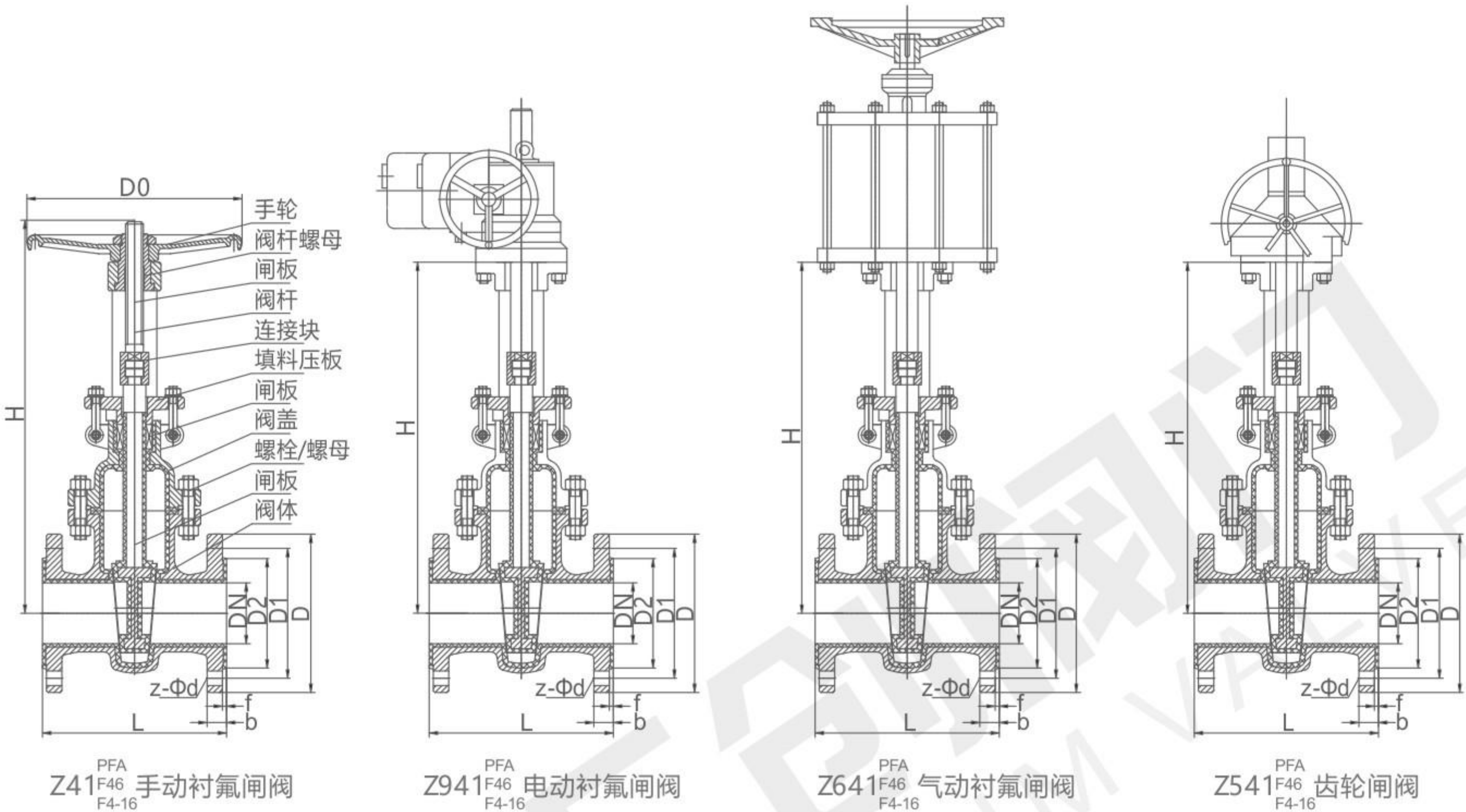
There are two gate sealing surface, the most common mode of gate valve sealing surface to form two wedge, wedge angle varies with the valve parameters,usually 5°,medium is not high temperature is 2°52'.

Wedge gate valve can be made into a whole, called the rigid gate; also be made to produce small deformation of the gate, in order to improve its process, make up the sealing surface angle deviations arising during processing, this gate is called the flexible gate.

- This series of products have the following characteristics:
- 1.small fluid resistance, the sealing surface by erosion Chong brush medium and small.
 - 2.open and close more effort.
 - 3.media flow unrestricted, non spoiler, do not reduce the pressure.
 - 4.form a simple structure, short length, good manufacturing process, applicable to a wide range of.

设计标准 Design standards	设计制造规范: GB/T12234 API600 Design and Manufacturing Specification: GB/T12234 API600	性能规范 Performance specifications	压力等级: PN0.6~1.6MPa 150Lb Pressure rating: PN0.6~1.6MPa 150Lb
	结构长度: GB/T12221 ASME B16.10 Structural length: GB/T12221 ASME B16.10		强度试验: 1.5MPa Strength test: 1.5MPa
	连接尺寸: GB/T9113 JB/T79 HG/T20592 ASME B16.5 Connection size: GB/T9113 JB/T79 HG/T20592 ASME B16.5		密封试验: 1.1MPa Sealing test: 1.1MPa
	试验与检验: GB/T13927 API 598 Testing and Inspection: GB/T13927 API 598		气密试验: 0.6MPa Air tightness test: 0.6MPa

衬氟闸阀
Fluorine lined gate valve



产品特性

设计标准: GB/T12234 API 600;
结构长度: GB/T12221 ASME B16. 10;
法兰标准: JB/T79 GB/T9113 HG/T20592 ASME B16. 5/47;
公称压力: PN 0. 6~2.5MPa 150Lb~300Lb
检验试验: GB/T13927 API598
驱动方式: 手动 / 电动 / 气动;

Product Features

Design standard: GB/T12234 API 600;
End-to-end dimension: GB/T12221 ASME B16. 10 HG/T3704;
Flange standard: JB/T79 GB/T9113 HG/T20592 ASME B16. 5/47;
Norminal pressure: PN 0. 6~2.5MPa 150Lb~300Lb
Inspection and testing: GB/T13927 API598
Mode of driving:handle、electrically-driven、air-operated and so on

基本型号 Basic model							
公称压力PN1.0-2.5(MPa)150Lb 公称通径DN20-500 (mm)/in3/4"-20" Nominal pressure PN1.0-2.5 (MPa) 150Lb, nominal diameter DN20-500 (mm)/in3/4 "-20"							
手动 闸阀 Manual gate valve	Z41PO	伞齿轮 闸阀 Bevel gear gate valve	Z541PO	气动 闸阀 Pneumatic gate valve	Z641PO	电动 闸阀 Electric gate valve	Z941PO
	Z41F ₄₆		Z541F ₄₆		Z641F ₄₆		Z941F ₄₆
	Z41F ₅₀₁		Z541F ₅₀₁		Z641F ₅₀₁		Z941F ₅₀₁

主要零部件材料表 List of Main Component Materials

序号 NO	零件名称 Name	球墨铸铁 Nodular cast iron	铸铁 Cast iron	不锈钢 Stainless steel		超低碳不锈钢 Ultra low carbon stainless steel	
		Q	C	P	R	Pl	Rl
1	阀体、阀盖、阀瓣 Valve body, valve cover, valve disc	QT450-10	WCB	CF 8	CF8M	CF 3	CF3M
2	阀杆 Valve stem	35	1Cr13	304	316	304l	316l
3	衬里层 Lining layer	PFA(F ₅₀₁)PTFE(F ₄)PCTFE(F ₃)FEP(F ₄₆)PFA(可溶F ₄) PO(聚烯烃)					
4	中法兰螺栓 Middle flange bolt	A193 B7	A193 B7	A193 B8	A193 B8	A193 B8	A193 B8
5	中法兰螺母 Middle flange nut	A194 2H	A194 2H	A194 8	A194 8	A194 8M	A194 8M
6	填料、垫片 Packing and gasket	PTFE					
7	支架 Bracket	HT250、WCB、CF8					
8	阀杆螺母 Stem nut	ZCuAl10Fe3					
9	手轮 Handwheel	KT330-08					

衬氟闸阀

Fluorine lined gate valve

衬氟闸阀系列
FLUORINE LINED VALVE SERIES

PN10 衬氟闸阀

公称通径 Nominal Diameter		标准值 Standard value							参考值 Reference value		
DN(mm)	NPS(inch)	L	D	D1	D2	f	b	Z-Ød	H	D0	W(Kg)
15	1/2	140	95	65	45	2	16	4-Ø14	100	110	/
20	3/4	152	105	75	58	2	18	4-Ø14	140	100	/
25	1	165	115	85	68	2	18	4-Ø14	155	160	/
32	1 1/4	178	140	100	78	2	18	4-Ø18	185	160	/
40	1 1/2	240	150	110	88	2	18	4-Ø18	210	180	/
50	2	250	165	125	102	2	18	4-Ø18	295	180	/
65	2 1/2	270	185	145	122	2	18	8-Ø18	335	220	/
80	3	280	200	160	138	2	20	8-Ø18	402	250	/
100	4	300	220	180	158	2	20	8-Ø18	455	280	/
125	5	325	250	210	188	2	22	8-Ø18	605	320	/
150	6	350	285	240	212	2	22	8-Ø22	690	360	/
200	8	400	340	295	268	2	24	8-Ø22	727	400	/
250	10	450	395	350	320	2	26	12-Ø22	970	400	/
300	12	500	445	400	370	2	26	12-Ø22	1135	450	/
350	14	550	505	460	430	2	26	16-Ø22	1280	450	/
400	16	600	565	515	482	2	26	16-Ø26	1450	500	/
450	18	650	615	565	532	2	28	20-Ø26	1538	500	/
500	20	700	670	620	585	2	28	20-Ø26	1730	500	/

PN16 衬氟闸阀

公称通径 Nominal Diameter		标准值 Standard value							参考值 Reference value		
DN(mm)	NPS(inch)	L	D	D1	D2	f	b	Z-Ød	H	D0	W(Kg)
15	1/2	140	95	65	45	2	16	4-Ø14	100	110	/
20	3/4	152	105	75	58	2	18	4-Ø14	140	100	/
25	1	165	115	85	68	2	18	4-Ø14	155	160	/
32	1 1/4	178	140	100	78	2	18	4-Ø18	185	160	/
40	1 1/2	240	150	110	88	2	18	4-Ø18	210	180	/
50	2	250	165	125	102	2	18	4-Ø18	295	180	/
65	2 1/2	270	185	145	122	2	18	8-Ø18	335	220	/
80	3	280	200	160	138	2	20	8-Ø18	402	250	/
100	4	300	220	180	158	2	20	8-Ø18	455	280	/
125	5	325	250	210	188	2	22	8-Ø18	605	320	/
150	6	350	285	240	212	2	22	8-Ø22	690	360	/
200	8	400	340	295	268	2	24	12-Ø22	727	400	/
250	10	450	405	355	320	2	26	12-Ø26	970	400	/
300	12	500	460	410	378	2	28	12-Ø26	1135	450	/
350	14	550	520	470	428	2	30	16-Ø26	1280	450	/
400	16	600	580	525	490	2	32	16-Ø30	1450	500	/

衬氟闸阀
Fluorine lined gate valve

PN25 衬氟闸阀

公称通径 Nominal Diameter		标准值 Standard value							参考值 Reference value		
DN(mm)	NPS(inch)	L	D	D1	D2	f	b	Z-Ød	H	D0	W(Kg)
15	1/2	140	95	65	45	2	16	4-Ø14	100	110	/
20	3/4	152	105	75	58	2	18	4-Ø14	140	100	/
25	1	165	115	85	68	2	18	4-Ø14	155	160	/
32	1 1/4	178	140	100	78	2	18	4-Ø18	185	160	/
40	1 1/2	240	150	110	88	2	18	4-Ø18	210	180	/
50	2	250	165	125	102	2	20	4-Ø18	295	180	/
65	2 1/2	270	185	145	122	2	22	8-Ø18	335	220	/
80	3	280	200	160	138	2	24	8-Ø18	402	250	/
100	4	300	235	190	162	2	24	8-Ø22	455	280	/
125	5	325	270	220	188	2	26	8-Ø26	605	320	/
150	6	350	300	250	218	2	28	8-Ø26	690	360	/
200	8	400	360	310	278	2	30	12-Ø26	727	400	/
250	10	450	425	370	335	2	32	12-Ø30	970	400	/
300	12	500	485	430	395	2	34	16-Ø30	1135	450	/
350	14	550	555	490	450	2	38	16-Ø33	1280	450	/
400	16	600	620	550	505	2	40	16-Ø36	1450	500	/

Class150 衬氟闸阀

公称通径 Nominal Diameter		标准值 Standard value							参考值 Reference value		
DN(mm)	NPS(inch)	L	D	D1	D2	f	b	Z-Ød	H	D0	W(Kg)
15	1/2	140	90	60.3	34.9	2	11.6	4-Ø16	100	110	/
20	3/4	152	100	69.9	42.9	2	13.2	4-Ø16	140	100	/
25	1	165	110	79.4	50.8	2	14.7	4-Ø16	155	160	/
32	1 1/4	178	115	88.9	63.5	2	16.3	4-Ø16	185	160	/
40	1 1/2	240	125	98.4	73	2	17.9	4-Ø16	210	180	/
50	2	250	150	120.7	92.1	2	19.5	4-Ø18	295	180	/
65	2 1/2	270	180	139.7	104.8	2	22.7	4-Ø18	335	220	/
80	3	280	190	152.4	127	2	24.3	4-Ø18	402	250	/
100	4	300	230	190.5	157.2	2	24.3	8-Ø18	455	280	/
125	5	325	255	215.9	185.7	2	24.3	8-Ø22	605	320	/
150	6	350	280	241.3	215.9	2	25.9	8-Ø22	690	360	/
200	8	400	345	298.5	269.9	2	29	8-Ø22	727	400	/
250	10	450	405	362	323.8	2	30.6	12-Ø26	970	400	/
300	12	500	485	431.8	381	2	32.2	12-Ø26	1135	450	/
350	14	550	535	476.3	412.8	2	35.4	12-Ø30	1280	450	/
400	16	600	595	539.8	469.9	2	37	16-Ø30	1450	500	/

注：上图所列法兰数值为化工部标准，如需其它标准请在订货时注明。
Note: The flange values listed in the above figure are the standards of the Ministry of Chemical Industry. If other standards are required, please indicate them when ordering.

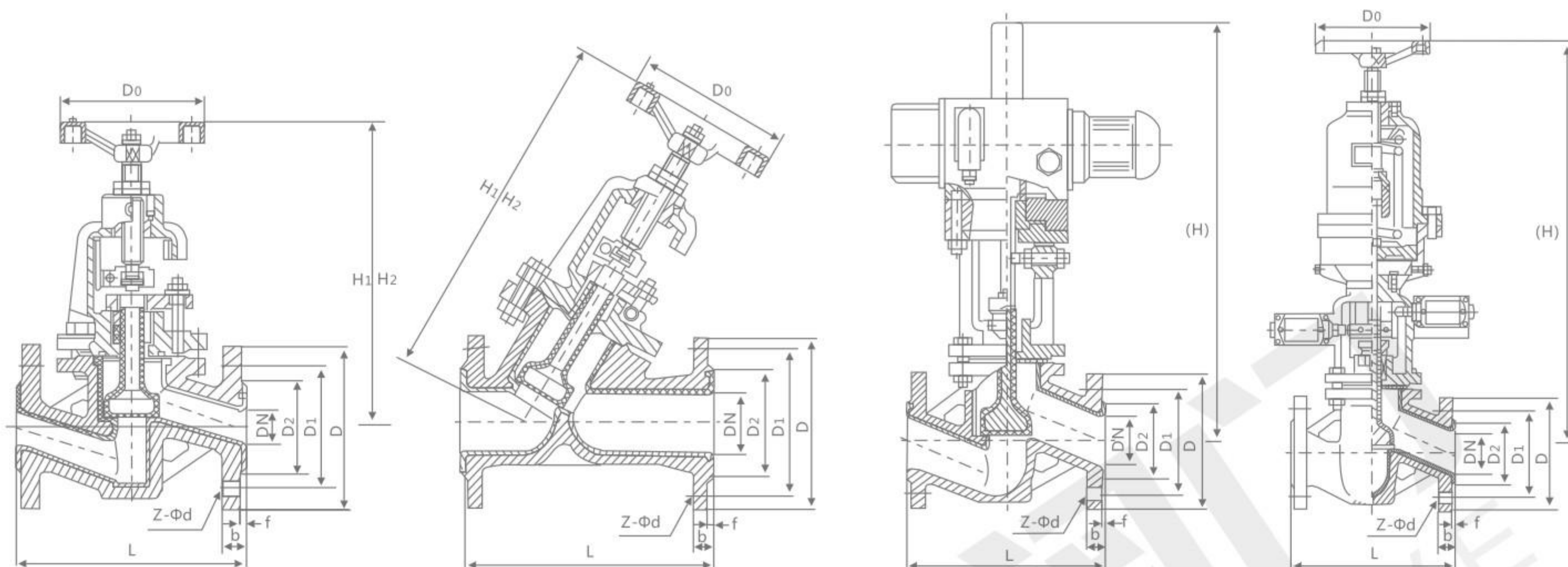
FLUORINE LINED VALVE SERIES
衬氟阀门系列

衬氟法兰截止阀

Fluorine lined flange globe valve

衬氟阀门系列

FLUORINE LINED VALVE SERIES



J41 F₃ F₄₆ 型Type

法兰连接手动截止阀（直通式）
Flange connection manual cut-off valve (straight-through)

J45 F₃ F₄₆ 型Type

法兰连接手动截止阀（直流式）
Flange connection manual cut-off valve (DC type)

J941 F₃ F₄₆ 型Type

法兰连接电动截止阀（直通式）
Flange connection electrically operated cut-off valve (straight-through)

J6B41 F₃ F₄₆ 型

法兰连接气动截止阀（常闭式）
Flange connection air operated cut-off valve (Normally closed)

遵循规范 Follow the standard	STANDARD
设计与制造 Design and manufacture	GB 12233/GB 12235
结构长度 Structure Length	GB 12221(长—短系列Long - Short Series)
法兰尺寸 Flange size	GB/T9113.1、GB/T17241.6 (或按合同要求Or by contract requirement)
压力试验 Pressure test	GB/T 13927
标志 Mark	GB 12220
供货 Availability	GB/T 12252

法兰连接截止阀 Flange connection cut-off valve

- ※设计与制造符合中国国家标准
- ※Design and manufacture comply with national standards of China
- ※基本结构形式：直通式、直流式
- ※Basic structure form: Straight-through, DC type
- ※公称压力PN1.0~2.5MPa
- ※Nominal pressure PN1.0~2.5MPa
- ※公称口径DN15~350mm
- ※Nominal size DN15~350mm

基本型号（全衬里）The basic model (full lining)

手动 Hand	J41F ₃ J41F ₄₆	齿轮 传动 Gear drive	J441F ₃ J441F ₄₆
	J45F ₃ J45F ₄₆		J54F ₃ J45541F ₄₆
气动 Pneumatic	J6B41F ₃ J6B4 ₄₆ F ₄₆	电动	J941F ₃ J941F ₄₆

主要零部件材料表 Main spare part bill of materials

序号 NO.	零件名称 Part name	灰铸铁 Grey cast iron	碳钢 Carbon Steel	不锈钢 Stainless steel		超低碳不锈钢 Low Carbon Stainless Steel	
		Z	C	P	R	PL	RL
1	阀体、阀盖 Body, cover	HT250	WCB	CF8	CF8M	CF3	CF3M
2	阀瓣、阀杆 Disc, stem	35	1Cr13	0Cr18Ni9	0Cr1Ti12Mo2	00Cr18Ni10	00Cr17Ni14Mo2
3	活节螺栓 Live bolts	35	35	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2
4	衬里层/阀座 Lining level/ seat	FEP(F46) PCTFE(F3) PTFE(F4) PFA (可溶性聚四氟乙烯Soluble PTFE) Po (聚烯烃Polyolefin)					
5	填料Packing	PTFE(F4)					
6	填料压盖 Packing cover	WCB	WCB	Cf8	CF8M	Cf3	CF3M
7	阀杆螺母 Stem nut	ZCuAl10Fe3					
8	螺栓Bolt	35	35	1Cr17Ni2	1Cr17Ni2	1Cr18Ni9Ti	1Cr18Ni9Ti
9	螺母Nut	45	45	0Cr18Ni9	0Cr18Ni9	0Cr18Ni9	0Cr18Ni9
10	手轮 Hand wheel	Ht200	Ht200	WCC	WCC	WCC	WCC

衬氟法兰截止阀

Fluorine lined flange globe valve

主要连接尺寸及重量 Main connection dimension and weight

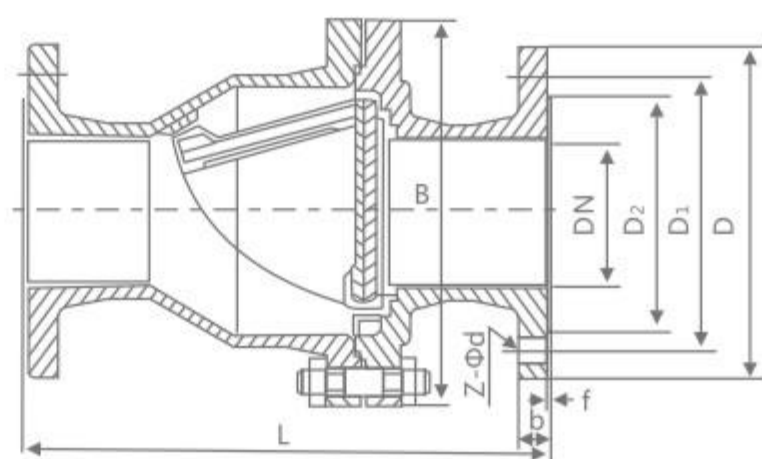
公称通径DN		标准值Standard value							参数值Reference value			
DN (mm)	NPS (inch)	L	D	D1	D2	f	b	Z-Φd	D0	H1	H2	重量 (kg) Weight
PN1.0MPa												
15	1/2	130	95	65	45	2	12	4-Φ14	100	235	260	/
20	3/4	150	105	75	55	2	14	4-Φ14	100	240	265	/
25	1	160	115	85	65	2	14	4-Φ14	120	245	270	/
32	1 1/4	180	135	100	78	2	16	4-Φ18	140	255	285	/
40	1 1/2	200	145	110	85	3	18	4-Φ18	140	285	315	/
50	2	230	160	125	100	3	18	4-Φ18	160	295	330	/
65	2 1/2	290	180	145	120	3	20	4-Φ18	180	350	395	/
80	3	310	195	160	135	3	20	4/8-Φ18	240	395	445	/
100	4	350	215	180	155	3	22	8-Φ18	240	450	490	/
125	5	400	245	210	185	3	24	8-Φ18	280	525	555	/
150	6	480	280	240	210	3	24	8-Φ23	320	605	645	/
200	8	495	335	295	265	3	24	8-Φ23	360	645	765	/
250	10	622	390	350	320	3	26	12-Φ23	400	685	805	/
300	12	698	440	400	368	4	28	12-Φ23	400	710	814	/
350	14	787	500	460	428	4	28	16-Φ23	450	750	855	/
PN1.6MPa												
15	1/2	130	95	65	45	2	14	4-Φ14	100	240	265	/
20	3/4	150	105	75	55	2	14	4-Φ14	100	245	270	/
25	1	160	115	85	65	2	14	4-Φ14	120	250	275	/
32	1 1/4	180	135	100	78	2	16	4-Φ18	140	260	290	/
40	1 1/2	200	145	110	85	3	16	4-Φ18	140	285	320	/
50	2	230	160	125	100	3	16	4-Φ18	160	300	335	/
65	2 1/2	290	180	145	120	3	18	4-Φ18	180	355	400	/
80	3	310	195	160	135	3	20	8-Φ18	240	400	450	/
100	4	350	215	180	155	3	20	8-Φ18	240	455	495	/
125	5	400	245	210	185	3	22	8-Φ18	280	530	560	/
150	6	480	280	240	210	3	24	8-Φ23	320	610	650	/
200	8	495	335	295	265	3	26	12-Φ23	360	650	770	/
250	10	622	405	355	320	3	30	12-Φ25	400	690	810	/
300	12	698	460	410	375	4	30	12-Φ25	400	730	845	/
PN2.5MPa												
15	1/2	130	95	65	45	2	16	4-Φ14	120	240	265	/
20	3/4	150	105	75	55	2	16	4-Φ14	120	245	270	/
25	1	160	115	85	65	2	16	4-Φ14	140	250	275	/
32	1 1/4	180	135	100	78	2	18	4-Φ18	160	260	290	/
40	1 1/2	200	145	110	85	3	18	4-Φ18	180	285	320	/
50	2	230	160	125	100	3	20	4-Φ18	180	300	335	/
65	2 1/2	290	180	145	120	3	22	8-Φ18	240	355	400	/
80	3	310	195	160	135	3	22	8-Φ18	280	400	450	/
100	4	350	230	190	160	3	24	8-Φ23	320	455	495	/
125	5	400	270	220	188	3	28	8-Φ25	320	530	560	/
150	6	480	300	250	218	3	30	8-Φ25	360	610	650	/

*法兰尺寸PN1.0MPa, DN80螺栓孔数量JB78时, Z=4,其它标准时Z=8。

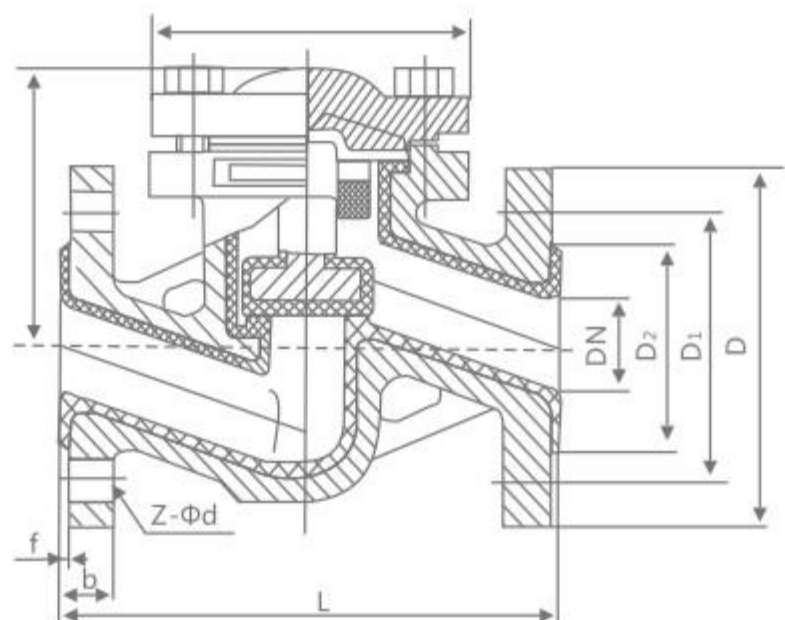
* Flange Size PN1.0MPa, DN80 bolt hole when the number of JB78, Z = 4, when other standards Z = 8.

衬氟法兰止回阀

Fluorine lined flange check valve



H44-F₃/₄₆ 型止回阀(旋启式)
H44-F₃/₄₆ Check valve (swing type)



H41-F₃/₄₆ 型法兰连接止回阀(直通升降式)
H41-F₃/₄₆ Flange connection valve (straight-through lift)

遵循规范 Follow the standard	STANDARD
设计与制造 Design and manufacture	GB 12235/GB 2236
结构长度 Structure Length	GB 12221(长短系列Long - Short Series)
法兰尺寸Flange size	JB/T78、JB/T79、JB/T82、JB/F82 (或按合同要求Or by contract requirements)
压力试验Pressure test	GB/T 13927
标志Mark	GB 12220
供货 Availability	GB/T 12252

法兰连接止回阀(全衬里) Flange connection check valve (entire lining)

※设计与制造符合中国国家标准
* Design and manufacture conform to China national standards

※基本结构形式：旋启式、直通升降式
* Basic structure form: Turns on lathe opens the type, to go nonstop to the elevating

※公称压力PN0.6 ~ 1.6MPa
* Nominal pressure PN0.6~1.6MPa

※公称通径DN15 ~ 500mm
* Nominal size DN15~500mm

※基本型号H41F3 H41F46 H44F3 H44F46
* Basic model H41F3 H41F46 H44F3 H44F46

主要零部件材料表 Main spare part bill of materials

序号 NO.	零件名称 Part name	灰铸铁Grey cast iron	碳钢Carbon Steel	不锈钢Stainless steel		超低碳不锈钢Low carbon stainless steel	
		Z	C	P	R	PL	RL
1	阀体、阀盖、阀瓣 Body, cover, disc	Ht250	WCB	CF8	CF8M	CF3	CF3M
2	衬里层Lining layer	FEP(F46) PFA(可溶性聚四氟乙烯Soluble PTFE) PCTFE(F3) PO(聚烯烃Polyolefin)					
3	销轴Pin	1Cr13/35 WCB 1Cr18Ni9/CF8 00Cr17Ni14Mo2/CF3M					
4	隔膜Diaphragm	35	35	1Cr17Ni2	1Cr17Ni2	0Cr18Ni9	0Cr18Ni9

主要连接尺寸及重量 Main connection dimension and weight

JB/T82.1-1994

公称通径DN		标准值Standard value							参考值Reference value		
DN (mm)	NPS (inch)	L	D	D1	D2	f	b	Z-Φd	B	H	重量Weight(kg)
PN0.6MPa											
15	1/2	130	80	55	40	2	12	4-Φ12	105	55	/
20	3/4	150	90	65	50	2	14	4-Φ12	115	58	/
25	1	160	100	75	60	2	14	4-Φ12	128	60	/
32	1 1/4	180	120	90	70	2	16	4-Φ14	145	75	/
40	1 1/2	200	130	100	80	3	16	4-Φ14	160	82	/
50	2	230	140	110	90	3	16	4-Φ14	178	95	/
65	2 1/2	290	160	130	110	3	16	4-Φ14	205	105	/
80	3	310	185	150	125	3	18	4-Φ18	230	120	/
100	4	350	205	170	145	3	18	4-Φ18	255	135	/
125	5	400	235	200	175	3	20	8-Φ18	305	158	/
150	6	480	260	225	200	3	20	8-Φ18	345	180	/
200	8	495	315	280	255	3	22	8-Φ18	415	215	/
250	10	622	370	335	310	3	24	12-Φ18	490	240	/
300	12	698	435	395	362	4	24	12-Φ23	540	265	/
350	14	787	485	445	412	4	26	12-Φ23	585	300	/
400	16	914	535	495	462	4	28	16-Φ23	635	360	/
450	18	978	590	550	518	4	28	16-Φ23	680	385	/
500	20	978	640	600	568	4	30	16-Φ23	740	415	/

衬氟法兰止回阀
Fluorine lined flange check valve

主要连接尺寸及重量 Main connection dimension and weight

JB/T82.1-1994

公称通径DN		标准值Standard value							参考值Reference value		
DN (mm)	NPS (inch)	L	D	D1	D2	f	b	Z-Φd	B	H	重量Weight(kg)
PN1.0MPa											
15	1/2	130	95	65	45	2	12	4-Φ14	105	55	/
20	3/4	150	105	75	55	2	14	4-Φ14	115	58	/
25	1	160	115	85	65	2	14	4-Φ14	128	60	/
32	1 1/4	180	135	100	78	2	16	4-Φ18	145	75	/
40	1 1/2	200	145	110	85	3	18	4-Φ18	160	82	/
50	2	230	160	125	100	3	18	4-Φ18	178	95	/
65	2 1/2	290	180	145	120	3	20	4-Φ18	205	105	/
80	3	310	195	160	135	3	20	4-Φ18	230	120	/
100	4	350	215	180	155	3	22	8-Φ18	255	135	/
125	5	400	245	210	185	3	24	8-Φ18	305	158	/
150	6	480	280	240	210	3	24	8-Φ23	345	180	/
200	8	495	335	295	265	3	24	8-Φ23	415	215	/
250	10	622	390	350	320	3	26	12-Φ23	490	240	/
300	12	698	440	400	368	4	28	12-Φ23	540	265	/
350	14	787	500	460	428	4	28	16-Φ23	585	300	/
400	16	914	565	515	482	4	30	16-Φ25	635	360	/
450	18	978	615	565	532	4	30	20-Φ25	680	385	/
500	20	978	670	620	585	4	32	20-Φ25	740	415	/

JB/T79.1-1994

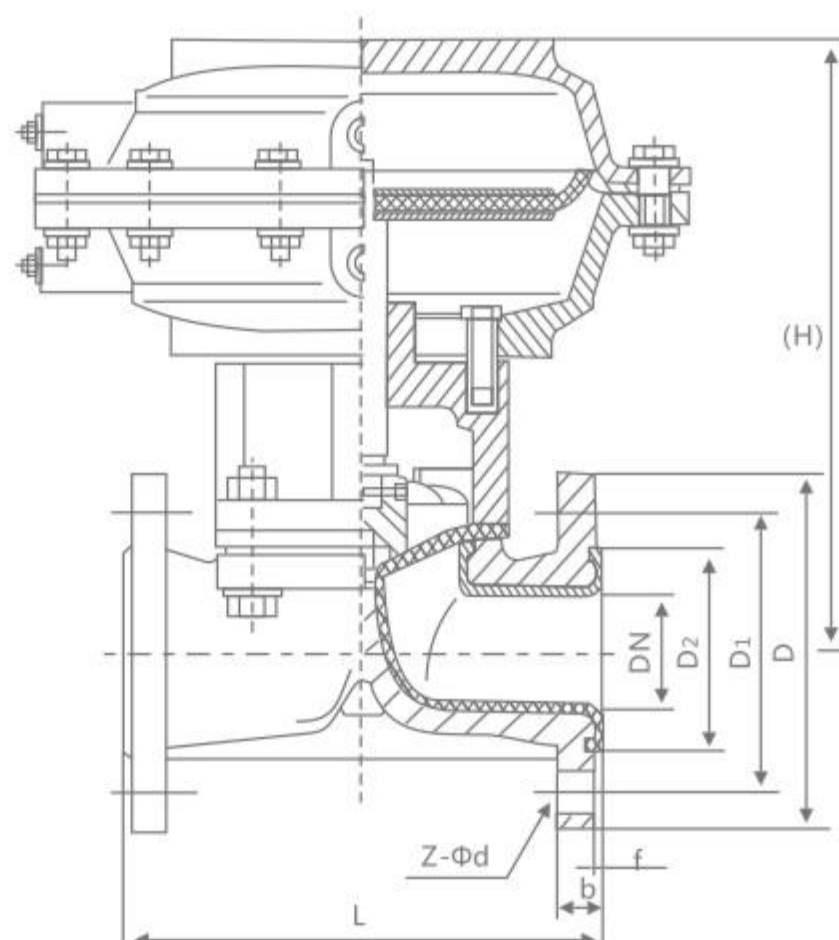
公称通径DN		标准值Standard value							参考值Reference value		
DN (mm)	NPS (inch)	L	D	D1	D2	f	b	Z-Φd	B	H	重量Weight(kg)
PN1.6MPa											
15	1/2	130	95	65	45	2	14	4-Φ14	110	55	/
20	3/4	150	105	75	55	2	16	4-Φ14	120	58	/
25	1	160	115	85	65	2	18	4-Φ14	135	60	/
32	1 1/4	180	135	100	78	2	18	4-Φ18	150	75	/
40	1 1/2	200	145	110	85	3	20	4-Φ18	165	82	/
50	2	230	160	125	100	3	22	4-Φ18	185	95	/
65	2 1/2	290	180	145	120	3	24	4-Φ18	210	105	/
80	3	310	195	160	135	3	24	8-Φ18	235	120	/
100	4	350	215	180	155	3	26	8-Φ18	260	135	/
125	5	400	245	210	185	3	28	8-Φ18	310	158	/
150	6	480	280	240	210	3	28	8-Φ23	350	180	/
200	8	495	335	295	265	3	30	12-Φ23	420	215	/
250	10	622	405	355	320	3	32	12-Φ25	505	240	/
300	12	698	460	410	375	4	32	12-Φ25	560	265	/
350	14	787	520	470	435	4	34	16-Φ25	605	300	/
400	16	914	580	525	485	4	38	16-Φ30	650	350	/

*法兰尺寸PN1.0MPa，DN80螺栓孔数量JB78时Z=4，其它标准时Z=8。
* Flange size PN1.0MPa, DN80 bolt hole when the number of JB78 Z = 4, other standards, Z = 8.

衬氟阀门系列
FLUORINE LINED VALVE SERIES

衬氟法兰隔膜阀

Fluorine lined flange diaphragm valve



Eg641 F₄₆ 型气动隔膜阀(堰式)

EG641-F₄₆ Pneumatic diaphragm valve (weir type)

法兰连接隔膜阀 (英标) Flange connection diaphragm valve (British sign)

※设计与制造符合BS英国国家标准
Design and manufacture conform to BS Britain national standards

※公称压力PN0.6~1.6MPa
Nominal pressure PN0.6~1.6MPa

※基本结构形式：堰式、直流式
Basic structure form: Weir, DC style

※公称通径DN20~200mm
Nominal size Dn20~200mm

遵循规范 Follow the standard	STANDARD
设计与制造 Design and manufacture	BS5156(一般用途隔膜阀) General Purpose Diaphragm
结构长度 Structure Length	(BS5156值+2f)=saunders
法兰尺寸Flange size	GB 4216、JB/T82.1 (或按合同要求Or by contract requirements)
压力试验Pressure test	API 598
标志Mark	MSS SP-25
供货 Availability	BS 5156

基本型号 (全衬里) Basic model (entire lining)

手动 Hand	G41F3(堰式Weir)	手动 Hand	G641F3(往复式Reciprocating)
	G41F46(堰式Weir)		G641F46(往复式Reciprocating)
	G45F3(直流式DC type)		G6B41F3(常闭式Normally closed)
	G45F46(直流式DC type)		G6B41F46(常闭式Normally closed)
电动 Electrically	G9B41F3(防爆型Explosion-proof)	电动 Electrically	G941F3(普通型Ordinary)
	G9B41F46(防爆型Explosion-proof)		G941F46普通型Ordinary)

主要零部件材料表 Main spare part bill of materials

序号 NO.	零件名称 Part name	灰铸铁Grey cast iron	碳钢Carbon Steel	不锈钢Stainless steel		超低碳不锈钢Low carbon stainless steel	
		Z	C	P	R	PL	RL
1	阀体、阀盖、阀瓣 Body, cover, disc	A126C.I35A	A126 WCB	A315 CF8	A315 CF8M	A315 CF3	A315 CF3M
2	阀杆Stem	A182 F6a	A182 F6a	A182 F304	A182 F316	A182 F304L	A182 F316L
3	衬里层Lining layer	FEP(F46) PFA(可溶性聚四氟乙烯Soluble PTFE) PCTFE(F3) PO(聚烯烃Polyolefin)					
4	隔膜Diaphragm	FEP(F46)/CR(氯丁橡胶Neoprene) PFA(可溶性聚四氟乙烯Soluble PTFE)/FPDM(乙丙橡胶EPDM)					
5	螺栓Bolt	A193 B7	A193 B7	A193 B8	A193 B8M	A193 B8	A193 B8M
6	螺母Nut	A194 2H	A194 2H	A194 8	A194 8M	A194 8	A194 8M

主要连接尺寸及重量 Main connection dimension and weight

公称通径DN		标准值Standard value							参考值Reference value		
DN (mm)	NPS (inch)	L	D	D1	D2	f	b	Z-Φd	D0	H	重量Weight(kg)
PN1.0MPa											
20	3/4	121	105	75	55	2	14	4-Φ13.5	70	92	/
25	1	131	115	85	65	2	14	4-Φ13.5	83	96	/
32	1 1/4	150	135	100	78	2	16	4-Φ17.5	114	131	/
40	1 1/2	163	145	110	85	3	18	4-Φ17.5	114	142	/
50	2	194	160	125	100	3	18	4-Φ17.5	140	167	/
65	2 1/2	220	180	145	120	3	20	4-Φ17.5	165	203	/
80	3	258	195	160	135	3	20	8-Φ17.5	230	216	/
100	4	309	215	180	155	3	22	8-Φ17.5	280	270	/
125	5	362	245	210	185	3	24	8-Φ17.5	280	319	/
150	6	412	280	240	210	3	24	8-Φ22	363	365	/
200	8	529	335	295	265	3	24	8-Φ22	483	462	/
PN1.6MPa											
20	3/4	121	105	75	55	2	16	4-Φ13.5	70	92	/
25	1	131	115	85	65	2	18	4-Φ13.5	83	96	/
32	1 1/4	150	135	100	78	2	18	4-Φ17.5	114	131	/
40	1 1/2	163	145	110	85	3	20	4-Φ17.5	114	142	/
50	2	194	160	125	100	3	22	4-Φ17.5	140	167	/

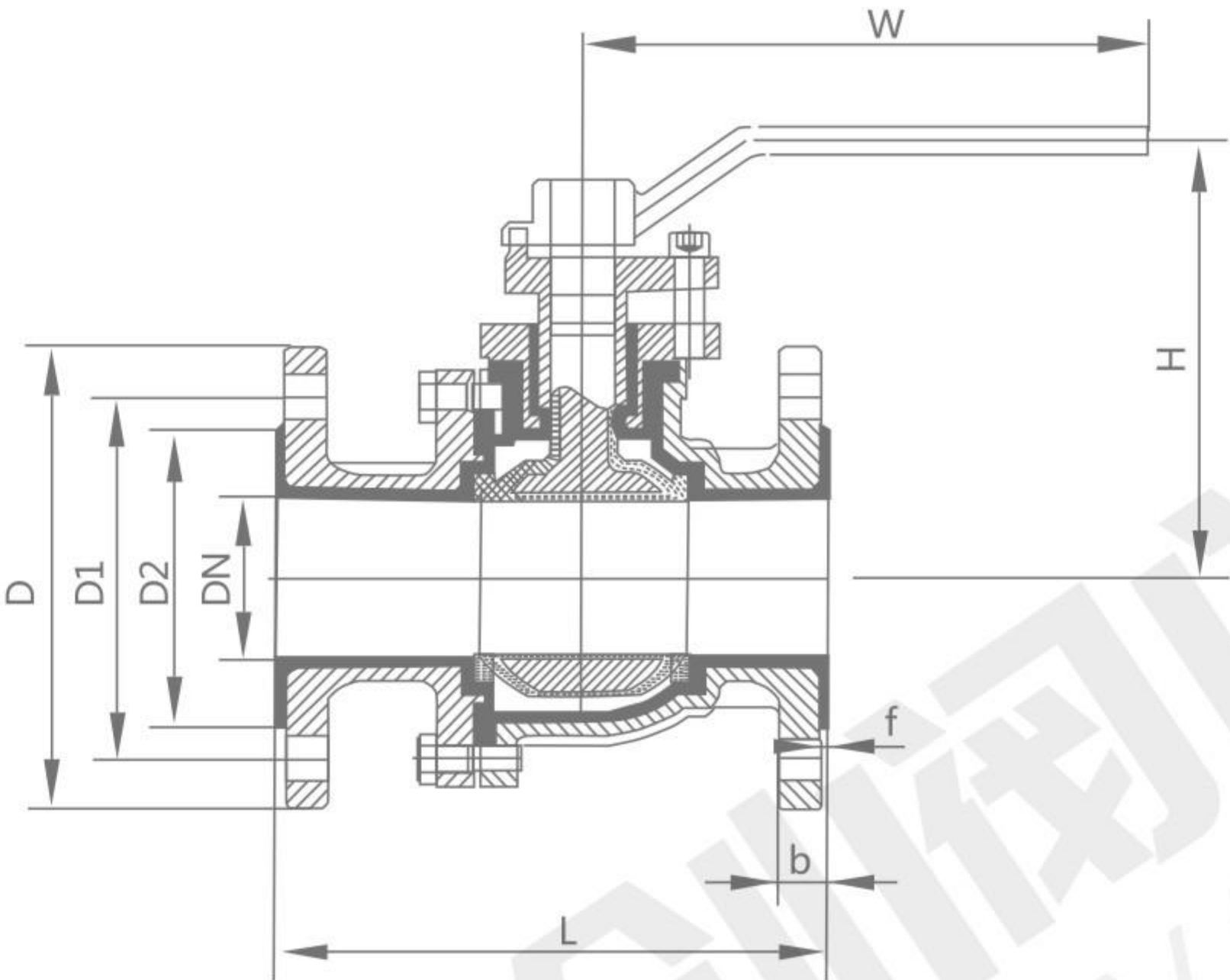
*除非合同另有规定，隔膜阀在PN0.6MPa时，其法兰尺寸按PN1.0MPa制造；*法兰尺寸PN1.0MPa，DN80螺栓孔数量JB78时Z=4,其它标准时Z=8。

*Unless otherwise specified herein, diaphragm valve in PN0.6MPa, its flange sizes manufactured by PN1.0MPa;

*flange size PN1.0MPa, DN80 bolt hole when the number of JB78 Z = 4, other standards, Z = 8.

衬氟法兰手动球阀
Manual ball valve lined with fluorine flange

衬氟国标球阀 (Q41F45-16)
Fluorine lined GB ball valve



衬氟阀门系列
FLUORINE LINED VALVE SERIES

基本型号Basic model

手动 Hand	Q41F4(全衬里)	气动 Pneumatic	Q641F4(全衬里)
	Q41F46(全衬里)		Q641F46(全衬里)
	Q41F4(全衬里)		Q641FA(全衬里)
蜗轮 传动 Worm gear	Q341F46(全衬里)	电动 Electrically	Q941F4(全衬里)
	Q3411F46(全衬里)		Q9411F46(全衬里)
	Q341PF4(全衬里)		Q941PFA(全衬里)

技术标准Technical standards

设计与制造 Design and manufacture	GB/T12237
结构长度 Structure Length	HG/T3704-2003 GB/T12221 ASME B16.10
法兰尺寸Flange size	HG/T20592-2009 ANSI B16.5a
驱动方式Drive way	手动, 电动, 气动Manual, electric, pneumatic
公称压力Nominal pressure	0.6、1.0、1.6、2.5MPa Class150 JIS10K
压力试验Pressure test	GB/T13927-92 API 598

主要零部件材料表 Main spare part bill of materials

序号 NO .	零件名称 Part name	碳钢 Carbon Steel	不锈钢 Stainless steel			
		C	P	R	PL	RL
1	阀体、阀盖Body, cover	WCB	CF8	CF8M	Cf3	CF3M
2	球体Ball	WCB	CF8	CF8M	CF3	CF3M
3	内衬材料阀座	FEP(F46)、PTFE(F4)、PFA(可溶性聚四氟乙烯)、PO(聚烯)、PE(超高分子量聚乙烯)				
4	填料压盖packing gland	WCB	CF8	CF8M	Cf3	CF3M
5	阀座填料	PTFE(F4)聚四氟乙烯				
6	螺栓Bolt	35	1Cr17Ni12	1Cr17Ni2	1Cr18Ni2	1Cr19Ni2
7	螺母Nut	45	0Cr19Ni9	0Cr18Ni9	0Cr18Ni9	0Cr18Ni9
8	手柄Handle	WCB				

衬氟法兰手动球阀

Manual ball valve lined with fluorine flange

主要连接尺寸及重量 Main connection dimensions and weight

JB/T82.1

公称通径DN		主要尺寸Main dimensions							参考值Reference value	
DN (mm)	NPS (inch)	L	D	D1	D2	f	B	Z-Φd	D0	H
		PN1.0MPa								
15	1/2	140	95	65	45	3	16	4-14	140	90
20	3/4	140	105	75	55	3	18	4-14	140	100
25	1	150	115	85	65	3	18	4-14	180	105
32	1 1/4	165	140	100	75	3	18	4-18	180	120
40	1 1/2	180	150	110	85	3	18	4-18	225	140
50	2	200	165	125	100	3	18	4-18	225	150
65	2 1/2	220	185	145	120	3	18	4-18	360	160
80	3	250	200	160	135	3	20	8-18	420	215
100	4	280	220	180	155	3	20	8-18	420	240
125	5	320	250	210	185	4	22	8-18	520	250
150	6	360	285	240	210	4	22	8-22	520	290
200	8	400	340	295	265	4	24	8-22	240	340
250	10	450	395	350	320	5	26	12-22	240	380
300	12	610	445	400	370	5	26	12-22	280	450
		PN1.6MPa								
15	1/2	140	95	65	45	3	16	4-14	140	90
20	3/4	140	105	75	55	3	18	4-14	140	100
25	1	150	115	85	65	3	18	4-14	180	105
32	1 1/4	165	140	100	75	3	18	4-18	180	120
40	1 1/2	180	150	110	85	3	18	4-18	225	140
50	2	200	165	125	100	3	18	4-18	225	150
65	2 1/2	220	185	145	120	3	18	4-18	360	160
80	3	250	200	160	135	3	20	8-18	420	215
100	4	280	220	180	155	3	20	8-18	420	240
125	5	320	250	210	185	4	22	8-18	520	250
150	6	360	285	240	210	4	22	8-22	520	290
200	8	400	340	295	265	4	24	12-22	240	340
250	10	450	405	355	320	5	26	12-26	240	380
300	12	610	460	410	370	5	28	12-26	280	450

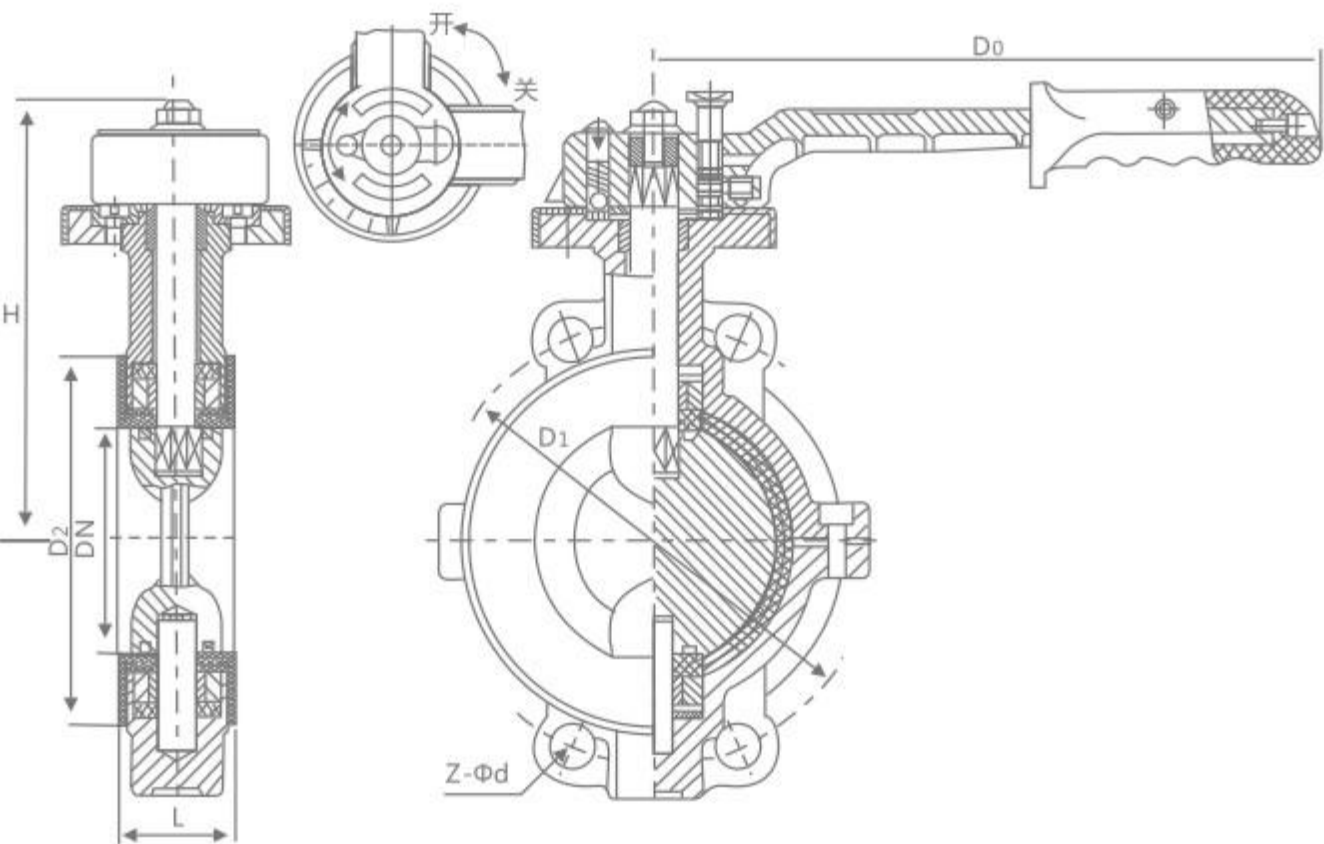
DN200以上D0尺寸为蜗轮手轮尺寸，DN200以下D0尺寸为手柄尺寸

机械标准是（JB78）时为4孔

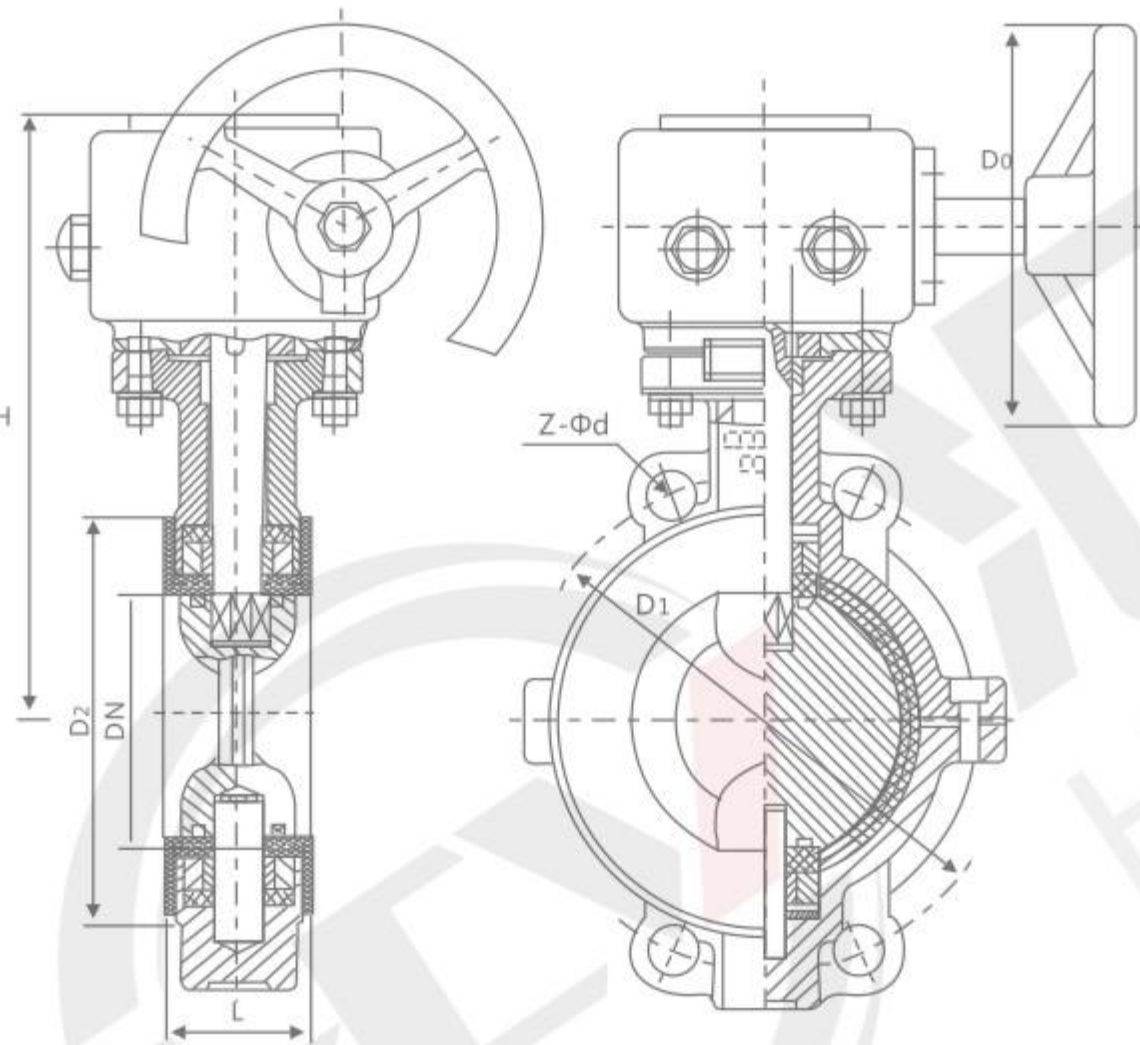
The size of D0 above DN200 is worm wheel handwheel size, and the size of D0 below DN200 is handle size

The mechanical standard is (JB78) for 4 holes

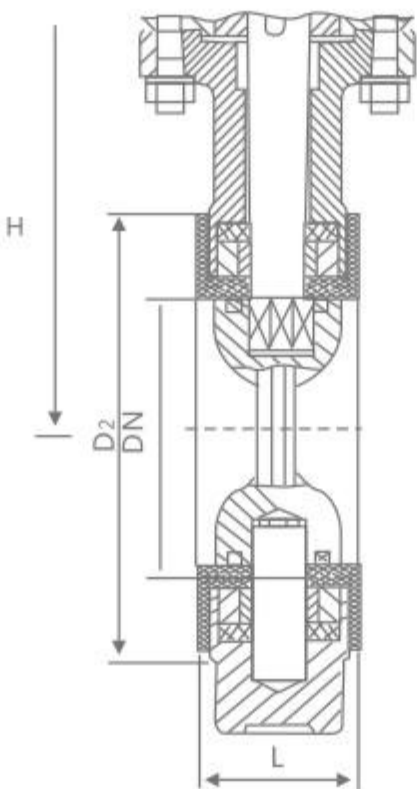
衬氟对夹蝶阀(中线)
Fluorine lined pair clamp butterfly valve (middle line)



DA71^{F4}_{F46} 型对夹式手动蝶阀（中线）
DA71^{F4}_{F46} Wafer type manual butterfly valve type (middle)



DA371^{F4}_{F46} 型对夹式蜗轮传动蝶阀（中线）
DA371^{F4}_{F46} Wafer type butterfly valve worm gear transmission (middle)



DA371F46型对夹式蜗轮传动蝶阀（中线）
DA371F46 Worm drive type wafer type butterfly valve (middle)

遵循规范 Follow the standard	STANDARD
设计与制造 Design and manufacture	GB 12238(中线Midline)
结构长度 Structure Length	GB 12221(短系列Short Series)
法兰尺寸 Flange size	JB79/JB82 (或按合同要求Or by contract requirements)
压力试验 Pressure test	GB/T 13927
标志 Mark	GB 12220
供货 Availability	GB/T 12252

对夹连接蝶阀（中线）Wafer butterfly valves (middle)

- ※设计与制造符合中国国家标准
※基本结构形式（蝶板轴与阀体/阀座中心重合）
- a.DA71F46全衬里型
阀体全衬里/蝶板全衬层/蝶板与蝶板轴合为一体
 - b.DA71F4全衬里型
阀体全衬里/蝶板全衬层/蝶板与蝶板轴组合装配
 - c. DA71F/P半衬里型
阀体全衬里/蝶板为不锈钢（不衬）/蝶板与蝶板轴组合装配
- Design and manufacture comply with national standards of China
Basic structure of the form (the disc axis and the valve / seat centers coincide)
- a.DA71F46 full lining type
The whole body lining / disc full lining / disc and disc axis into one
 - b.DA71F4 full lining type
The whole body lining / disc full lining / disc and disc shaft and assembled
 - c. DA71F / P-type semi-lining
The whole body lining / disc of stainless steel (not lined) / disc and disc shaft and assembled

基本型号 Basic model

公称压力PN0.6 ~ 1.6MPa 公称通径DN40 ~ 1200mm
Nominal pressure PN0.6 ~ 1.6MPa Nominal diameter DN40 ~ 1200mm

手动 Hand	DA71F/P(半衬Half lining)	蜗轮传动 Worm drive	DA371F/P(半衬Half lining)
	DA71F3 (全衬里Full lining)		DA371F3 (全衬里Full lining)
	DA71F4 (全衬里Full lining)		DA371F4 (全衬里Full lining)
	DA71F46 (全衬里Full lining)		DA371F46 (全衬里Full lining)
气动 Pneumatic	DA671F/P(半衬Half lining)	电动 Electrically	DA971F/P(半衬Half lining)
	DA671F3 (全衬里Full lining)		DA971F3 (全衬里Full lining)
	DA671F4 (全衬里Full lining)		DA971F4 (全衬里Full lining)
	DA671F46 (全衬里Full lining)		DA971F46 (全衬里Full lining)

衬氟对夹蝶阀(中线)

Fluorine lined pair clamp butterfly valve (middle line)

主要零部件材料表 Main spare part bill of materials

序号 NO.	零件名称 Part Name	灰铸铁 Grey cast iron	碳钢 Carbon steel	不锈钢Stainless steel		超低碳不锈钢Low carbon stainless steel	
		Z	C	P	R	PL	RL
1	上、下阀体 Upper and lower body	HT250	WCB	CF8	CF8M	CF3	CF3M
2	蝶板Disc	WCB	35 (锻)	CF8	CF8M	CF3	CF3M
3	蝶板轴 Butterfly Plates	1Cr13	2Cr13	0Cr18Ni9	0Cr18Ni12Mo2	00Cr18Ni10	00Cr18Ni14Mo2
4	衬里层/阀座 Lining layer / seat	PTFE(F4) PCTFE(F3) FEP(F46) PFA(可溶F4) PO (聚烯烃Polyolefin)					
5	O型圈O-ring	FPM(氟橡胶Viton)					
6	弹簧条 (垫) Spring section (pad)	Si(硅橡胶Silicone rubber)					
7	调节定位座 Adjustment in Block	0Cr18Ni9	0Cr18Ni9	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	00Cr18Ni10	00Cr18Ni14Mo2
8	螺栓Bolt	35	35	1Cr17Ni2	1Cr17Ni2	0Cr18Ni9	0Cr18Ni12Mo2
9	螺母Nut	25	25	0Cr18Ni9	0Cr18Ni9	0Cr18Ni9	0Cr18Ni12Mo2
10	手柄Handle	ZL 101(铸造铝合金Cast Aluminum)					

主要连接尺寸及重量 Main connection dimension and weight

JB/T82.1

公称通径DN		标准值Standard value							参考值Reference value		
DN (mm)	NPS (inch)	L	D	D1	D2	f	B	Z-Φd	D0	H	重量Weight(kg)
PN0.6MPa											
40	1 1/2	33	130	100	80	3	12	4-Φ14	160	140	/
50	2	43	140	110	90	3	12	4-Φ14	200	145	/
65	2 1/2	46	160	130	110	3	14	4-Φ14	250	155	/
80	3	46	185	150	125	3	14	4-Φ18	250	165	/
100	4	52	205	170	145	3	14	4-Φ18	250	180	/
125	5	56	235	200	175	3	14	8-Φ18	300	203	/
150	6	56	260	225	200	3	16	8-Φ18	300	225	/
200	8	60	315	280	255	3	18	8-Φ18	200*	275	/
250	10	68	370	335	310	3	22	12-Φ18	200*	315	/
300	12	78	435	395	362	4	22	12-Φ23	240*	348	/
350	14	78	485	445	412	4	22	12-Φ23	240*	415	/
400	16	102	535	495	462	4	22	16-Φ23	280*	460	/
450	18	114	590	550	518	4	24	16-Φ23	280*	500	/
500	20	127	640	600	568	4	24	16-Φ23	320*	530	/
600	24	154	755	705	670	5	24	20-Φ25	320*	610	/
700	28	165	860	810	775	5	26	24-Φ25	360*	675	/
800	32	190	975	920	880	5	26	24-Φ30	360*	805	/
900	36	203	1075	1020	980	5	28	24-Φ30	380*	995	/
1000	40	216	1175	1120	1080	5	30	28-Φ30	400*	1170	/
1200	48	254	1375	1320	1280	5	30	32-Φ30	400*	1295	/

*法兰尺寸D、D1、D2、Z-Φd、f、b数值是与蝶阀连接的标准法兰尺寸，简图中尺寸代号仅是其中一部分。

Flange size D, D1, D2, Z-Φd, f, b values are connected with a standard butterfly valve flange size, sketch in the size of code is only part of it.

衬氟对夹蝶阀(中线)

Fluorine lined pair clamp butterfly valve (middle line)

主要连接尺寸及重量 Main connection dimensions and weight

JB/T82.1

公称通径DN		标准值Standard value							参考值Reference value		
DN (mm)	NPS (inch)	L	D	D1	D2	f	B	Z-Φd	D0	H	重量(kg)
PN1.0MPa											
40	1 1/2	33	145	110	85	3	18	4-Φ18	160	140	/
50	2	43	160	125	100	3	18	4-Φ18	200	145	/
65	2 1/2	46	180	145	120	3	20	4-Φ18	250	155	/
80	3	46	195	160	135	3	20	8-Φ18	250	165	/
100	4	52	215	180	155	3	22	8-Φ18	250	180	/
125	5	56	245	210	185	3	24	8-Φ18	300	203	/
150	6	56	280	240	210	3	24	8-Φ23	300	225	/
200	8	60	335	295	265	3	24	8-Φ23	200*	275	/
250	10	68	390	350	320	3	26	12-Φ23	200*	315	/
300	12	78	440	400	368	4	28	12-Φ23	240*	348	/
350	14	78	500	460	428	4	28	16-Φ23	240*	415	/
400	16	102	565	515	482	4	30	16-Φ25	280*	460	/
450	18	114	615	565	532	4	30	20-Φ25	280*	500	/
500	20	127	670	620	585	4	32	20-Φ25	320*	530	/
600	24	154	780	725	685	5	36	20-Φ30	320*	610	/
700	28	165	895	840	800	5	40	24-Φ30	360*	675	/
800	32	190	1010	950	905	5	44	24-Φ34	360*	805	/
900	36	203	1110	1050	1005	5	46	28-Φ34	380*	995	/
1000	40	216	1220	1160	1115	5	50	28-Φ34	400*	1170	/
1200	48	254	1450	1380	1325	5	56	32-Φ41	400*	1295	/
PN1.6MPa											
40	1 1/2	33	145	110	85	3	20	4-Φ18	200	145	/
50	2	43	160	125	100	3	22	4-Φ18	250	150	/
65	2 1/2	46	180	145	120	3	24	4-Φ18	250	160	/
80	3	46	195	160	135	3	24	8-Φ18	250	170	/
100	4	52	215	180	155	3	26	8-Φ18	300	185	/
125	5	56	245	210	185	3	28	8-Φ18	300	210	/
150	6	56	280	240	210	3	28	8-Φ23	200*	230	/
200	8	60	335	295	265	3	30	12-Φ23	200*	285	/
250	10	68	405	355	320	3	32	12-Φ25	240*	325	/
300	12	78	460	410	375	4	32	12-Φ25	240*	360	/
350	14	78	520	470	435	4	34	16-Φ25	280*	430	/
400	16	102	580	525	485	4	38	16-Φ30	280*	475	/
450	18	114	640	585	545	4	42	20-Φ30	320*	525	/
500	20	127	705	650	608	4	48	20-Φ34	320*	565	/
600	24	154	840	770	718	5	50	20-Φ41	360*	620	/
700	28	165	910	840	788	5	54	24-Φ41	360*	686	/
800	32	190	1020	950	898	5	54	24-Φ41	380*	815	/
900	36	203	1120	1050	998	5	54	28-Φ41	400*	1010	/
1000	40	216	1255	1170	1110	5	60	28-Φ48	400*	1185	/

*法兰尺寸D、D1、D2、Z-Φd、f、b数值是与蝶阀连接的标准法兰尺寸，简图中尺寸代号仅是其中一部分。

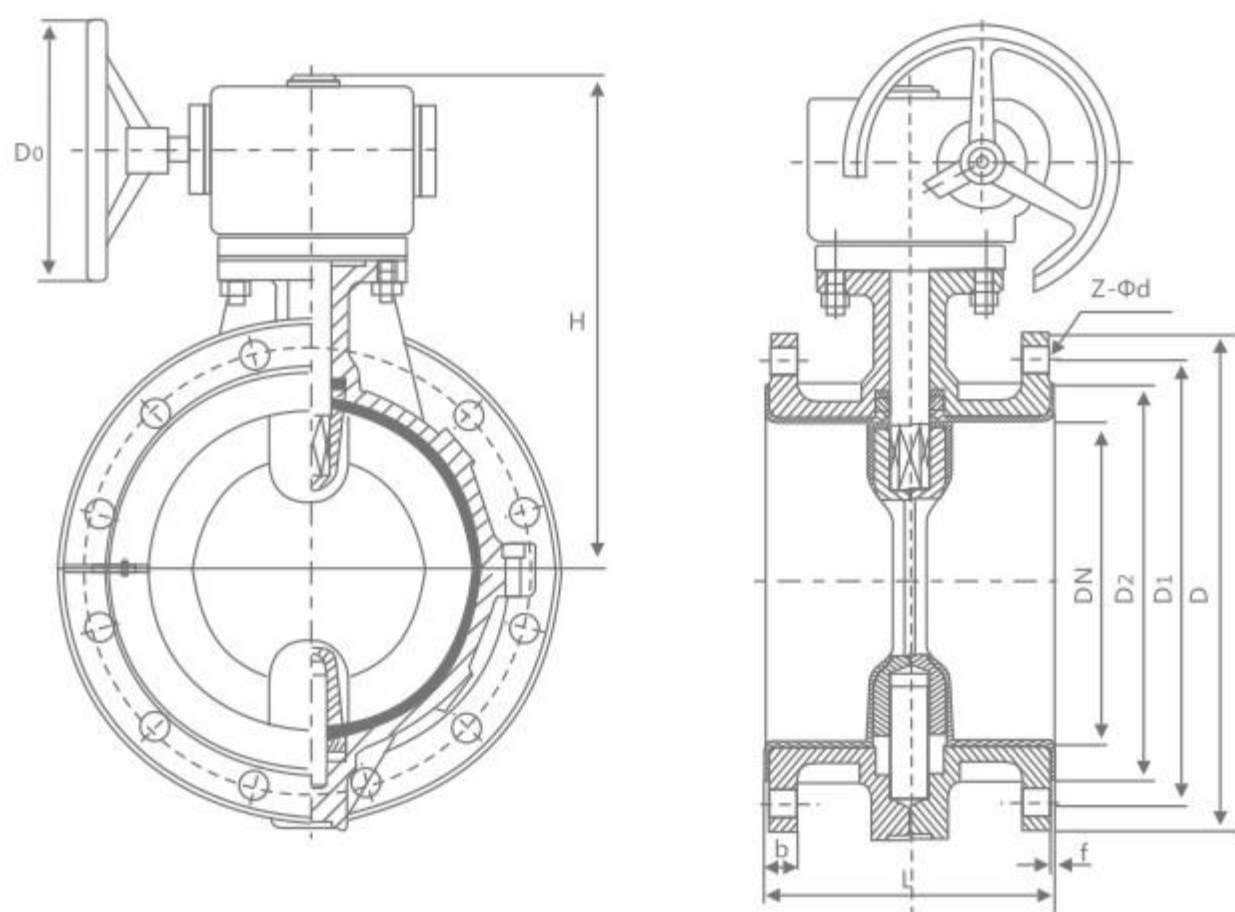
*法兰尺寸PN1.0MPa、DN80螺孔数量JB78时Z=4,其它标准时Z=8。

* Flange Size D, D1, D2, Z-Φd, f, b values are connected with the standard flange butterfly valve size, sketch in the size of code is only part of it.

* Flange Size PN1.0MPa, DN80 screw when the number of JB78 Z = 4, other standards, Z = 8.

衬氟法兰蝶阀(中线)

Fluorine lined flange butterfly valve (middle line)



DA341F₄₆型法兰连接蜗轮传动蝶阀 (中线)

DA341F₄₆ Worm drive flanged butterfly valve (middle)

遵循规范 Follow the standard	STANDARD
设计与制造 Design and manufacture	GB 12238(中线Midline)
结构长度 Structure Length	GB 12221(短系列Short Series)
法兰尺寸Flange size	JB79/JB82 (或按合同要求Or by contract requirements)
压力试验Pressure test	GB/T 13927
标志 Mark	GB 12220
供货 Availability	GB/T 12252

基本型号 Basic model

公称压力PN0.6 ~ 1.6MPa 公称通径DN40 ~ 1200mm

Nominal pressure PN0.6 ~ 1.6MPa Nominal diameter DN40 ~ 1200mm

手动 Hand	DA71F/P(半衬Half lining)	蜗轮传动 Worm drive	DA371F/P(半衬Half lining)
	DA71F3(全衬里Full lining)		DA371F3(全衬里Full lining)
	DA71F46(全衬里Full lining)		DA371F46(全衬里Full lining)
气动 Pneumatic	DA671F/P(半衬Half lining)	电动 Electrically	DA971F/P(半衬Half lining)
	DA671F3(全衬里Full lining)		DA971F3(全衬里Full lining)
	DA671F46(全衬里Full lining)		DA971F46(全衬里Full lining)

法兰连接蝶阀 (中线) Flanged butterfly valve (middle)

※设计与制造符合中国国家标准

※基本结构形式 (蝶板轴与阀体/阀座中心重合)

a. DA71F46全衬里型

阀体全衬里/蝶板全衬里/蝶板与蝶板轴合为一体

b. DA71F4全衬里型

阀体全衬里/蝶板全衬里/蝶板与蝶板轴组合装配

c. DA71F/P半衬里型

阀体全衬里/蝶板为不锈钢 (不衬) /蝶板与蝶板轴组合装配

※Design and manufacture comply with national standards of China

※basic structure of the form (the disc axis and the valve / seat centers coincide)

a. DA71F46 full lining type

Full body lining / disc full lining / disc with the disc axis into one

b. DA71F4 full lining type

The whole body lining / disc full lining / disc and disc shaft and assembled

c. DA71F / P-type semi-lining

The whole body lining / disc of stainless steel (not lined) / disc and disc shaft and assembled

主要零部件材料表 Material form the main components

序号 NO.	零件名称 Part Name	灰铸铁 Grey cast iron	碳钢 Carbon steel	不锈钢Stainless steel		超低碳不锈钢Low carbon stainless steel	
		Z	C	P	R	PL	RL
1	上、下阀体 Upper and lower body	HT250	WCB	CF8	CF8M	CF3	CF3M
2	蝶板轴 Butterfly Plates	1Cr13	2Cr13	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	00Cr18Ni10	00Cr18Ni14Mo2
3	衬里层/阀座 Lining layer / seat	PTFE(F4) PCTFE(F3) FEP(F46) PFA(可溶F4) Po (聚烯烃Polyolefin)					
4	蝶板/填料压盖 Disc / packing gland	WCB	WCB	CF8	CF8M	CF3	CF3M
5	支架Support	WCB (碳钢Carbon steel)			CF8(不锈钢Stainless steel)		
6	填料Filler	PTFE(F4)					
7	螺栓Bolt	35	35	1Cr17Ni2	1Cr17Ni2	0Cr18Ni9	0Cr18Ni12Mo2
8	螺母Nut	25	25	0Cr18Ni9	0Cr18Ni9	0Cr18Ni9	0Cr18Ni12Mo2

衬氟法兰蝶阀(中线)
Fluorine lined flange butterfly valve (middle line)

主要连接尺寸及重量 Main connection dimensions and weight JB/T82.1

公称通径DN		标准值Standard value							参考值Reference value		
DN (mm)	NPS (inch)	L	D	D1	D2	f	b	Z-Φd	D0	H	重量Weight(kg)
PN0.6MPa											
40	1 1/2	106	130	100	80	3	12	4-Φ14	160	140	/
50	2	108	140	110	90	3	12	4-Φ14	200	160	/
65	2 1/2	112	160	130	110	3	14	4-Φ14	250	160	/
80	3	114	185	150	125	3	14	4-Φ18	250	170	/
100	4	127	205	170	145	3	14	4-Φ18	250	180	/
125	5	140	235	200	175	3	14	8-Φ18	300	275	/
150	6	140	260	225	200	3	16	8-Φ18	300	295	/
200	8	152	315	280	255	3	18	8-Φ18	200*	320	/
250	10	250	370	335	310	3	22	12-Φ18	200*	385	/
300	12	270	435	395	362	4	22	12-Φ23	240*	390	/
350	14	290	485	445	412	4	22	12-Φ23	240*	460	/
400	16	310	535	495	462	4	22	16-Φ23	280*	510	/
450	18	330	590	550	518	4	24	16-Φ23	280*	540	/
500	20	350	640	600	568	4	24	16-Φ23	320*	570	/
600	24	390	755	705	670	5	24	20-Φ25	320*	660	/
700	28	430	860	810	775	5	26	24-Φ25	360*	710	/
800	32	470	975	920	880	5	26	24-Φ30	360*	780	/
900	36	510	1075	1020	980	5	28	24-Φ30	380*	885	/
1000	40	550	1175	1120	1080	5	30	28-Φ30	400*	990	/
1200	48	630	1375	1320	1280	5	30	32-Φ30	400*	1170	/
PN1.0MPa											
40	1 1/2	106	145	110	85	3	18	4-Φ18	160	140	/
50	2	108	160	125	100	3	18	4-Φ18	200	160	/
65	2 1/2	112	180	145	120	3	20	4-Φ18	250	165	/
80	3	114	195	160	135	3	20	8-Φ18	250	170	/
100	4	127	215	180	155	3	22	8-Φ18	250	180	/
125	5	140	245	210	185	3	24	8-Φ18	300	275	/
150	6	140	280	240	210	3	24	8-Φ23	300	295	/
200	8	152	335	295	265	3	24	8-Φ23	200*	320	/
250	10	250	390	350	320	3	26	12-Φ23	200*	385	/
300	12	270	440	400	368	4	28	12-Φ23	240*	390	/
350	14	290	500	460	428	4	28	16-Φ23	240*	460	/
400	16	310	565	515	482	4	30	16-Φ25	280*	510	/
450	18	330	615	565	532	4	30	20-Φ25	280*	540	/
500	20	350	670	620	585	4	32	20-Φ25	320*	570	/
600	24	390	780	725	685	5	36	20-Φ30	320*	660	/
700	28	430	895	840	800	5	40	24-Φ30	360*	710	/
800	32	470	1010	950	905	5	44	24-Φ34	360*	780	/
900	36	510	1110	1050	1005	5	46	28-Φ34	380*	885	/
1000	40	550	1220	1160	1115	5	50	28-Φ34	400*	990	/
1200	48	630	1450	1380	1325	5	56	32-Φ41	400*	1200	/

法兰尺寸PN1.0MPa、DN80螺孔数量JB78时Z=4,其它标准时Z=8。
Flange size PN1.0MPa, DN80 screw when the number of JB78 Z = 4, other standards, Z = 8.

FLUORINE LINED VALVE SERIES
衬氟阀门系列

衬氟法兰蝶阀(中线)

Fluorine lined flange butterfly valve (middle line)

主要连接尺寸及重量 Main connection dimensions and weight

JB/T79.1

公称通径DN		标准值Standard value							参考值Reference value		
DN (mm)	NPS (inch)	L	D	D1	D2	f	b	Z-Φd	D0	H	重量Weight(kg)
PN1.6MPa											
40	1 1/2	106	145	110	85	3	16	4-Φ18	160	140	/
50	2	108	160	125	100	3	16	4-Φ18	200	160	/
65	2 1/2	112	180	145	120	3	18	4-Φ18	250	160	/
80	3	114	195	160	135	3	20	8-Φ18	260	170	/
100	4	127	215	180	155	3	20	8-Φ18	300	180	/
125	5	140	245	210	185	3	22	8-Φ18	300	275	/
150	6	140	280	240	210	3	24	8-Φ23	200*	295	/
200	8	152	335	295	265	3	26	12-Φ23	200*	320	/
250	10	250	405	355	320	3	30	12-Φ25	240*	385	/
300	12	270	460	410	375	4	30	12-Φ25	240*	390	/
350	14	290	520	470	435	4	34	16-Φ25	240*	460	/
400	16	310	580	525	485	4	36	16-Φ30	280*	510	/
450	18	330	640	585	545	4	40	20-Φ30	280*	540	/
500	20	350	705	650	608	4	44	20-Φ34	320*	570	/
600	24	390	840	770	718	5	48	20-Φ41	320*	660	/
700	28	430	910	840	788	5	50	24-Φ41	360*	710	/
800	32	470	1020	950	898	5	52	24-Φ41	380*	780	/
900	36	510	1120	1050	998	5	54	28-Φ41	400*	885	/
1000	40	550	1255	1170	1110	5	56	28-Φ48	500*	990	/

JB/T79.1

公称通径DN		标准值Standard value							参考值Reference value		
DN (mm)	NPS (inch)	L	D	D1	D2	f	B	Z-Φd	D0	H	重量Weight(kg)
PN2.5MPa											
40	1 1/2	106	145	110	85	3	18	4-Φ18	200	140	/
50	2	108	160	125	100	3	20	4-Φ18	200	160	/
65	2 1/2	112	180	145	120	3	22	8-Φ18	250	160	/
80	3	114	195	160	135	3	22	8-Φ18	250	170	/
100	4	127	230	190	160	3	24	8-Φ23	300	180	/
125	5	140	270	220	188	3	28	8-Φ25	300	275	/
150	6	140	300	250	218	3	30	8-Φ25	240*	295	/
200	8	152	360	310	278	3	34	12-Φ25	240*	320	/
250	10	250	425	370	332	3	36	12-Φ30	280*	385	/
300	12	270	485	430	390	4	40	16-Φ30	280*	390	/
350	14	290	550	490	448	4	44	16-Φ34	320*	460	/
400	16	310	610	550	505	4	48	16-Φ34	320*	510	/
450	18	330	660	600	555	4	50	20-Φ34	360*	540	/
500	20	350	730	660	610	4	52	20-Φ41	360*	570	/
600	24	390	840	770	718	5	56	20-Φ41	380*	660	/