

中跃阀门

ZHONGYUE VALVE



温州中跃阀门科技有限公司
WENZHOUZHONGYUE VALVE TECHNOLOGYCO., LTD

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产品选型手册



INTRODUCTION

Zhongyue Valve Technology Co., Ltd., founded in 1990, is located in Longwan, Zhejiang, China — one of the most developed industrial valve manufacturing bases in the country. The company is a technology-oriented enterprise integrating valve research and development, manufacturing, sales, and service. It currently employs over 120 staff and covers an area of more than 6,000 square meters.

Our products feature complete specifications, advanced designs, refined craftsmanship, and reliable quality. Zhongyue Valve specializes in manufacturing valves in compliance with international standards, including GB, API, ANSI, DIN, and JIS. The main products include: Gate Valves, Globe Valves, Check Valves, Ball Valves, Butterfly Valves, Power Station Valves, and Control Valves.

Main materials: WCB, LCB, WC6, WC9, C5, 15Cr1MoV, 12Cr1MoV, CF8, CF8M, CF3, CF3M, CF8C, 4A, 5A, etc. Size range: DN15 – DN1200 (1/2" – 48") Pressure range: 1.0MPa – 42MPa (150LB – 2500LB)

Our products are widely used in petroleum, chemical, natural gas, power plant, metallurgy, municipal engineering, construction, pharmaceutical, paper making, coal chemical, environmental protection, and energy-saving industries.

Zhongyue Valve is also committed to expanding the international market, with products exported to more than 20 countries and regions, including Europe, America, the Middle East, and Southeast Asia, earning an excellent reputation for reliable quality, competitive pricing, and outstanding after-sales service.

Adhering to the principle of “High Quality as the Core, Pursuing Excellence as the Goal”, the company continuously strengthens management, improves its quality assurance system, and enhances its overall competitiveness.

With the business philosophy of “Integrity First, Customer Oriented, and Continuous Innovation”, Zhongyue Valve is dedicated to applying new technologies, new processes, and new materials to develop innovative products, providing customers with high-quality valve solutions and comprehensive after-sales service.





球阀概述与结构特性

BALL VALVE OVERVIEW AND STRUCTURAL FEATURES

球阀经过半个多世纪的发展，现在已成为一种应用广泛的主要阀类。球阀的主要功能是切断和接通管道中的流体；也可用于流体的调节与控制。球阀具有流阻小，密封性好，开关迅速，可靠性高等特点。

球阀主要由阀体、阀盖、阀杆、球体及密封圈等零部件组成，属 90° 开关切断阀，它借助手柄或者驱动装置在阀杆上端施加一定的转矩并传递给球阀，使它旋转 90°，球体的通孔与阀体通道中心线重合或垂直，完成全开或者全关动作。一般有浮动球阀，固定球阀，多通道球阀，V 球阀，对夹球阀，夹套球阀等。可用于手柄驱动、涡轮驱动、电动、气动、液动、气液联动及电液联动等。

浮动球阀的球体自由支撑在密封圈上，在流体压力作用下，与下游密封圈紧密接触，形成下游端面密封。它适用于低压小口径场合。

固定球阀的球体具有上、下转轴，被固定在球体的轴承中，因此，球体是固定的，但密封圈是浮动的，密封圈借助于弹簧及流体推力压向球体，产肆卜游端密封。使用于高压，大口径场合。

阀门的驱动部分根据阀门结构及用户的要求，采用手柄、涡轮、电动、气动等，可依据实际情况及用户的要求选择适合的驱动方式。

本系列球阀产品可根据介质与输送管道的情况，及用户的不同要求，设计防火、防静电、耐高温和耐低温等各种结构，保证阀门在不同工况下能正常工作，广泛应用于天然气、油品、化工、冶金、城建、环保、制药、食品等行业。

After more than half a century of development, ball valves have become a major valve for a wide range of applications. The main function of the ball valve is to cut and dose the fluid in the pipe; it can also be used for fluid regulation and control. The ball valve has the characteristics of small flow resistance, good sealing performance, quick switching and high reliability.

Ball valve is mainly composed of body, bonnet, stem, ball and sealing ring and other parts, belonging to 90° switch to cut off the valve, It by the handle or drive impose certain torque on the upper stem and passed on to the ball, making it rotate 90°. The through hole of the sphere coincides with or is perpendicular to the center line of the valve body passage, completing the full opening or dosing operation. Generally, there are floating ball valve fixed ball valves, multi-channel ball valves, V ball valves, damp ball valve, jacket ball valve, etc. It can be used for handle, gear operation, electric, pneumatic, hydraulic, gas-liquid linkage and electro-hydraulic linkage.

The ball of the floating ball valve is freely supported on the sealing ring. Under the action of fluid pressure, it is in close contact with the downstream sealing ring to form a single-side seal at the downstream end. It is suitable for low pressure small diameter applications.

The ball of the fixed ball valve has an upper and a lower rotating shaft and is fixed in the shaft of the ball. Therefore, the ball is fixed, but the seal ring is floating. The seal ring is pushed to the ball by the spring and the fluid to produce the upstream seal. Used in high pressure, large diameter applications.

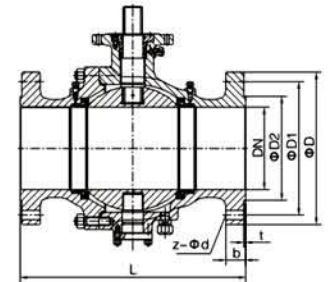
The driving part of the valve adopts the handle, turbine, electric, pneumatic, etc. And can select the appropriate driving mode according to the actual situation and the requirements of the user.

This series of ball valve products can design various structures such as fireproof, anti-static, high temperature resistance and low temperature resistance. According to the conditions of the medium and the conveying pipeline and the different requirements of the users, To ensure the normal operation of the valve under different working conditions. widely applied in the natural gas, the oil product, the chemical industry the metallurgy, the urban construction, the environmental protection, the pharmacy, the food and other industries.

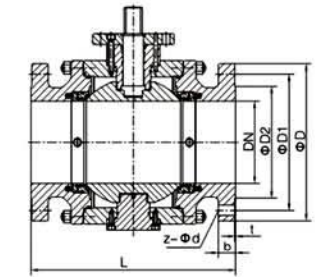


法兰(固定式)球阀

FLANGED (FIXED) BALL VALVE



两片式
2pc Ball Valve



三片式
3pc Ball Valve

- 材质：不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +

- 设计标准

- 设计制造规范：API6D/BS 5351/ISO 17292 GB 12237
- 结构长度：API6D/ANSIB16.10/GB12221
- 试验与检验：API6D/API 598/GB 26480 GB13927/ISO 5208

- DESIGN STANDARDS

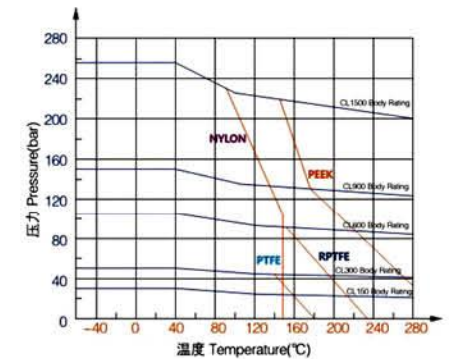
- Design and manufacturing specification: API6D/BS 5351/ISO 17292 GB 12237
- Structure length: API6D/ANSIB16.10/GB12221
- Test and inspection: API6D/API598/GB26480 GB13927/ISO5208

- 性能规范

- 公称压力：(1.6-10.0)MPa, (150-1500)LB, 10k/20k
- 强度试验压力：PT1.5PN Mpa
- 密封实验：PT1.1PN Mpa
- 气密封试验：0.6Mpa

- SPECIFICATIONS

- Nominal pressure: (1.6-10.0)MPa, (150-1500)LB, 10k/20k
- Strength test: PT1.5PN Mpa
- Seal test: PT1.1PN Mpa
- Gas seal test: 0.6Mpa



- 主要零件材料

MAIN PARTS AND MATERIALS

材料名称 Material Name	阀体 Body	阀盖 Bonnet	球体 Ball	阀杆 Stem	阀座 Seat	弹簧 Spring	填料 Gland Packing
碳钢 Carbon steel	A216 WCB	A216 WCB	A182 F304/F316	A276 304/316	PTFE /Ni55/STL	Inconel X-750 /17-7PH	PTFE/RPTFE /柔性石墨
不锈钢 CF8 Stainless steel CF8	A351 CF8	A351 CF8	A182 F304	A276 304			
不锈钢 CF8M Stainless steel CF8M	A351 CF8M	A351 CF8M	A182 F316	A276 316			
钛 Ti	ZTA1/ZTA2/ZTA10	ZTA1/ZTA2/ZTA10	TA1/TA2/TA10/TA4	TA1/TA2/TA10/TA4			
低温钢 Low temperature steel	A352 LCB	A352 LCB	A182 F304	A182 F304			
铬钼钢 Chrome molybdenum steel	A217 WC6/WC9	A217 WC6/WC9	A182-F5	A564 630			



国标法兰 (固定式) 球阀

GB FLANGED(FIXED)BALL VALVE

Q(3)47F-(16-160)P、R、C

- 主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

国标 (GB): PN16

公称通径 DN	L	D	D1	D2	b	f	n-Φd
80	203	200	160	138	20	2	8-Φ18
100	229	220	180	158	20	2	8-Φ18
125	356	250	210	188	22	2	8-Φ18
150	394	285	240	212	22	2	8-Φ18
200	457	340	295	268	24	2	12-Φ22
250	533	405	355	320	26	2	12-Φ26
300	610	460	410	378	28	2	12-Φ26
350	686	520	470	428	30	2	16-Φ26
400	762	580	525	490	32	2	16-Φ30
450	864	640	585	550	40	2	20-Φ30
500	914	715	650	610	44	2	20-Φ33
600	1067	840	770	725	54	2	20-Φ36
700	1245	910	840	795	42	2	24-Φ36
800	1372	1025	950	900	42	2	24-Φ39
900	1524	1125	1050	1000	44	2	28-Φ39
1000	1900	1255	1170	1115	46	2	28-Φ42

国标 (GB): PN16

公称通径 DN	L	D	D1	D2	b	f	n-Φd
80	283	200	160	138	24	2	8-Φ18
100	305	235	190	162	24	2	8-Φ22
125	381	270	220	188	26	2	8-Φ26
150	403	300	250	218	28	2	8-Φ26
200	502	375	320	285	34	2	12-Φ30
250	568	450	385	345	38	2	12-Φ33
300	648	515	450	410	42	2	16-Φ33
350	762	580	510	465	46	2	16-Φ36
400	838	660	585	535	50	2	16-Φ39
450	914	685	610	560	57	2	20-Φ39
500	991	755	670	615	57	2	20-Φ42
600	1143	890	795	735	72	2	20-Φ48

国标 (GB): PN100

公称通径 DN	L	D	D1	D2	b	f	n-Φd
80	356	230	180	138	36	2	8-Φ22
100	432	265	210	162	40	2	8-Φ26
125	508	315	250	188	40	2	8-Φ30
150	559	355	290	218	44	2	8-Φ33
200	660	430	360	285	52	2	12-Φ36
250	787	505	430	345	60	2	12-Φ36
300	838	585	500	410	68	2	16-Φ36
350	889	655	560	465	74	2	16-Φ39
400	991	715	620	535	78	2	16-Φ42

国标 (GB): PN25

公称通径 DN	L	D	D1	D2	b	f	n-Φd
80	203	200	160	138	24	2	8-Φ18
100	229	235	190	158	24	2	8-Φ22
125	356	270	220	188	26	2	8-Φ26
150	394	300	250	218	28	2	8-Φ26
200	457	360	310	278	30	2	12-Φ26
250	533	425	370	335	32	2	12-Φ30
300	610	485	430	395	34	2	16-Φ30
350	686	555	490	450	38	2	16-Φ33
400	762	620	550	505	40	2	16-Φ36
450	864	670	600	555	46	2	20-Φ36
500	914	730	660	615	48	2	20-Φ36
600	1067	845	770	720	58	2	20-Φ39
700	1245	960	875	820	50	2	24-Φ42
800	1372	1085	990	930	54	2	24-Φ48
900	1524	1185	1090	1030	58	2	28-Φ48
1000	1900	1320	1210	1140	62	2	28-Φ55

国标 (GB): PN25

公称通径 DN	L	D	D1	D2	b	f	n-Φd
80	356	215	170	138	28	2	8-Φ22
100	406	250	200	162	30	2	8-Φ26
125	432	295	240	188	34	2	8-Φ30
150	495	345	280	218	36	2	8-Φ33
200	597	415	345	285	42	2	12-Φ36
250	673	470	400	345	46	2	12-Φ36
300	762	530	460	410	52	2	16-Φ36
350	826	600	525	465	56	2	16-Φ39
400	902	670	585	535	60	2	16-Φ42

国标 (GB): PN25

公称通径 DN	L	D	D1	D2	b	f	n-Φd
80	381	230	180	138	36	2	8-Φ26
100	457	265	210	162	40	2	8-Φ30
125	559	315	250	188	44	2	8-Φ33
150	610	355	290	218	50	2	12-Φ33
200	737	430	360	285	60	2	12-Φ36
250	838	515	430	345	68	2	12-Φ42
300	965	585	500	410	78	2	16-Φ42



美标、日标法兰 (固定式) 球阀

ANSI, JIS FLANGED(FIXED)BALL VALVE

Q(3)47F-(150LB-1500LB、10K-20K)P、R、C

- 主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

美标 (ANSI): 150LB

公称通径 in DN	L	D	D1	D2	b	f	n-Φd
3"	80	203	190	152.4	127	19.5	2 4-Φ19
4"	100	229	230	190.5	157.2	24.3	2 8-Φ19
5"	125	356	255	215.9	185.7	24.3	2 8-Φ22
6"	150	394	280	241.3	215.9	25.9	2 8-Φ22
8"	200	457	345	298.5	269.9	29	2 8-Φ22
10"	250	533	405	362	323.8	30.6	2 12-Φ25
12"	300	610	485	431.8	381	32.2	2 12-Φ25
14"	350	686	535	476.3	412.8	35.4	2 12-Φ29
16"	400	762	595	539.8	469.9	37	2 16-Φ29
18"	450	864	635	577.9	533.4	40.1	2 16-Φ32
20"	500	914	700	635	584.2	43.3	2 20-Φ32
24"	600	1067	815	749.3	692.2	48.1	2 20-Φ35
28"	700	1245	925	863.6	800	71.9	2 28-Φ35
32"	800	1372	1060	977.9	914	81.4	2 28-Φ41
36"	900	1524	1170	1058	1022	90.9	2 32-Φ41
40"	1000	1900	1290	1200.2	1124	90.9	2 36-Φ41

美标 (ANSI): 600LB

公称通径 in DN	L	D	D1	D2	b	f	n-Φd
3"	80	356	210	168.3	127	38.8	7 8-Φ22
4"	100	432	275	215.9	157.2	45.1	7 8-Φ25
6"	150	559	355	292.1	215.9	54.7	7 12-Φ29
8"	200	660	420	349.2	269.9	62.6	7 12-Φ32
10"	250	787	510	431.8	323.8	70.5	7 16-Φ35
12"	300	838	560	489	381.0	73.7	7 20-Φ35
14"	350	889	605	527	412.8	76.9	7 20-Φ38
16"	400	991	685	603.2	469.9	83.2	7 20-Φ42
18"	450	1092	745	654	533.4	89.6	7 24-Φ44
20"	500	1194	815	723.9	584.2	95.9	7 24-Φ44
24"	600	1397	940	838.2	692.2	108.6	7 24-Φ51

日标 (JIS): 10K

公称通径 DN	L	D	D1	D2	b	f	n-Φd
80A	203	185	150	126	18	2	8-Φ19
100A	229	210	175	151	18	2	8-Φ19
125A	356	250	210	182	20	2	8-Φ23
150A	394	280	240	212	22	2	8-Φ23
200A	457	330	290	262	22	2	12-Φ23
250A	533	400	355	324	24	2	12-Φ25
300A	610	445	400	368	24	3	16-Φ25
350A	686	490	445	413	26	3	16-Φ25
400A	762	560	510	475	28	3	16-Φ27
450A	864	620	565	530	30	3	20-Φ27
500A	914	675	620	585	30	3	20-Φ27
600A	1067	795	730	690	32	3	24-Φ33
700A	1245	905	840	800	34	3	24-Φ33
800A	1372	1020	950	905	36	3	28-Φ33
900A	1524	1120	1050	1005	38	3	28-Φ33
1000A	1900	1235	1170	1110	40	3	28-Φ39

美标 (ANSI): 300LB

公称通径 in DN	L	D	D1	D2	b	f	n-Φd
3"	80	282	210	168.3	127	29	2 8-Φ22
4"	100	305	255	200	157.2	32.2	2 8-Φ22
5"	125	381	280	235	185.7	35.4	2 8-Φ22
6"	150	403	320	269.9	215.9	37	2 12-Φ22
8"	200	502	380	330.2	269.9	41.7	2 12-Φ25
10"	250	568	445	387.4	323.8	48.1	2 16-Φ29
12"	300	648	520	450.8	381	51.3	2 16-Φ32
14"	350	762	585	514.4	412.8	54.4	2 20-Φ32
16"	400	838	650	571.5	469.9	57.6	2 20-Φ35
18"	450	914	710	628.6	533.4	60.8	2 24-Φ35
20"	500	991	775	685.8	584.2	64	2 24-Φ35
24"	600	1143	915	812.8	692.2	70.3	2 24-Φ42

美标 (ANSI): 900LB

公称通径 in DN	L	D	D1	D2	b	f	n-Φd
3"	80	356	240	190.5	127	45.1	7 8-Φ25
4"	100	432	290	235	157.2	51.5	7 8-Φ32
6"	150	559	380	317.5	215.9	62.6	7 12-Φ32
8"	200	660	470	393.7	269.9	70.5	7 12-Φ38
10"	250	787	545	469.9	323.8	76.9	7 16-Φ38
12"	300	838	610	533.4	381.0	86.4	7 20-Φ38
14"	350	889	640	558.8	412.8	92.8	7 20-Φ42
16"	400	991	705	616	469.9	95.9	7 20-Φ45
18"	450	1092	785	685.8	533.4	103.6	7 20-Φ51
20"	500	1194	855	749.3	584.2	115	7 20-Φ54
24"	600	1397	1040	901.7	692.2	146.7	7 20-Φ67

日标 (JIS): 20K

公称通径 DN	L
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国标浮动式法兰球阀

GB FLOATING FLANGE BALL VALVE



高平台球阀
Ball Valve With Iso High Mount Pad

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....

- 设计标准

- 技术规范: 国标
- 设计标准: GB/T 12237
- 结构长度: GB/T 12221
- 连接法兰: GB/T 9113 JB 79 HG 20592
- 试验与检验: GB/T 13927 GB/T 26480

- DESIGN STANDARDS

- Technical specification: GB
- Design Standard: GB/T 12237
- Face to Face: GB/T 12221
- Flanged Ends: GB/T 9113 JB 79 HG 20592
- Test and Inspection: GB/T 13927 GB/T 26480

- 性能规范

- 公称压力: 1.6, 2.5, 4.0, 6.3, 10.0Mpa
- 强度试验: 2.4, 3.8, 6.0, 9.5, 15.0Mpa
- 密封试验: 1.8, 2.8, 4.4, 7.0, 11.0Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品, 硝酸类, 醋酸类
- 适用温度: -29℃ ~150℃

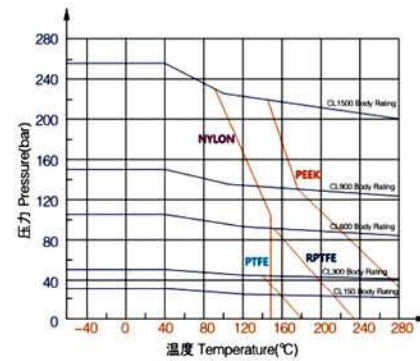
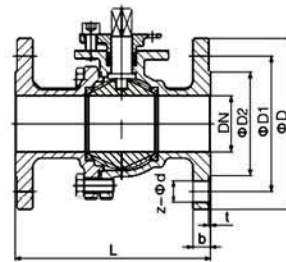
- DESIGN STANDARDS

- Nominal pressure: 1.6, 2.5, 4.0, 6.3, 10.0Mpa
- Strength test: 2.4, 3.8, 6.0, 9.5, 15.0Mpa
- Seal test: 1.8, 2.8, 4.4, 7.0, 11.0Mpa
- Gas seal test: 0.6Mpa
- Valve body material: WCB(C), CF8(P), the CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29℃ ~150℃

- 主要零件材料

MAIN PARTS AND MATERIALS

材料名称 Material Name	碳钢 Carbon steel	不锈钢 Stainless steel	
阀体 Body	WCB、A105	CF8、CF3	CF8M、CF3M
阀盖 Bonnet	WCB、A105	CF8、CF3	CF8M、CF3M
球体 Ball	304	304	316
阀杆 Stem	304	304	316
阀座 Seat	PTFE、RPTFE		
填料 Gland PACKING	PTFE/ 柔性石墨 PTFE/Flexible Graphite		
压盖 Gland	838	CF8	



国标浮动式法兰球阀

GB FLOATING FLANGE BALL VALVE

Q(3)41F-(16-160)P、R、C

- 主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

国标 (GB): PN1.6MPa

DN	L		D		D1	D2	b		t	Z-φd		ISO5211	TXT
	短系列	中系列	JB/T 79	HG/T 20592			JC/T 79	HG/T 20592		JB/T 79	HG/T 20592		
15	108	130	95	95	65	45	14	16	2	4-φ14	4-φ14	F03/F04	9X9
20	117	130	105	105	75	55	14	18	2	4-φ14	4-φ14	F03/F04	9X9
25	127	140	115	115	85	65	14	18	2	4-φ14	4-φ14	F04/F05	11X11
32	140	165	135	140	100	78	16	18	2	4-φ18	4-φ18	F04/F05	11X11
40	165	165	145	150	110	85	16	18	2	4-φ18	4-φ18	F05/F07	14X14
50	178	203	160	165	125	100	16	18	2	4-φ18	4-φ18	F05/F07	14X14
65	190	222	180	185	145	120	18	18	2	4-φ18	4-φ18	F07	14X14
80	203	241	195	200	160	135	20	20	2	8-φ18	8-φ18	F07/F10	17X17
100	229	280	215	220	180	155	20	20	2	8-φ18	8-φ18	F07/F10	22X22
125		320	245	250	210	185	22	22	2	8-φ18	8-φ18		
150		360	285	285	240	212	24	22	2	8-φ23	8-φ23		
200		457	340	340	295	268	26	24	2	12-φ23	12-φ22		
250		533	405	405	355	320	30	26	2	12-φ25	12-φ26		
300		610	460	460	410	378	30	28	2	12-φ25	12-φ26		

国标 (GB): PN2.5MPa

DN	L		D		D1	D2	b		t	Z-φd	
	短系列	中系列	JB/T 79	HG/T 20592			JC/T 79	HG/T 20592		JB/T 79	HG/T 20592
15	108	130	95	95	65	45	16	16	2	4-φ14	4-φ14
20	117	130	105	105	75	55	16	18	2	4-φ14	4-φ14
25	127	140	115	115	85	65	16	18	2	4-φ14	4-φ14
32	140	165	135	140	100	78	18	18	2	4-φ18	4-φ18
40	165	165	145	150	110	85	18	18	2	4-φ18	4-φ18
50	178	203	160	165	125	100	20	20	2	4-φ18	4-φ18
65	190	222	180	185	145	120	22	22	2	8-φ18	8-φ18
80	203	241	195	200	160	135	22	24	2	8-φ18	8-φ18
100	229	280	230	235	190	160	24	24	2	8-φ23	8-φ22
125		320	270	270	220	188	28	26	2	8-φ25	8-φ26
150		360	300	300	250	218	30	28	2	8-φ25	8-φ26
200		457	360	360	310	278	34	30	2	12-φ25	12-φ26
250		533	425	425	370	335	36	32	2	12-φ30	12-φ30
300		610	485	485	430	395	40	34	2	16-φ30	16-φ30

国标 (GB): PN4.0MPa

DN	L	D		D1	D2	b		t	Z-φd	
		JB/T 79	HG/T 20592			JC/T 79	HG/T 20592		JB/T 79	HG/T 20592
15	140	95	95	65	45	16	16	2	4-φ14	4-φ14
20	152	105	105	75	55	16	18	2	4-φ14	4-φ14
25	165	115	115	85	65	16	18	2	4-φ14	4-φ14
32	178	135	140	100	78	18	18	2	4-φ18	4-φ18
40	190	145	150	110	85	18	18	2	4-φ18	4-φ18
50	216	160	165	125	100	20	20	2	4-φ18	4-φ18
65	241	180	185	145	120	22	22	2	8-φ18	8-φ18
80	283	195	200	160	135	22	24	2	8-φ18	8-φ18
100	305	230	235	190	160	24	24	2	8-φ22	8-φ22
125	381	270	270	220	188	28	26	2	8-φ26	8-φ26
150	406	300	300	250	218	30	28	2	8-φ26	8-φ26
200	502	375	375	320	285	38	34	2	12-φ30	12-φ30
250	568	445	450	385	345	42	38	2	12-φ33	12-φ33
300	648	510	515	450	410	46	42	2	16-φ33	16-φ33



国标浮动式法兰球阀

GB FLOATING FLANGE BALL VALVE

Q(3)41F-(16-160)P、R、C

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

国标 (GB): PN6.3MPa

DN	L	D		D1	D2	b		t	Z-Φd	
		JB/T 79	HG/T 20592			JC/T 79	HG/T 20592		JB/T 79	HG/T 20592
15	140	105	105	75	45	20	20	2	4-Φ14	4-Φ14
20	152	125	130	90	55	20	22	2	4-Φ18	4-Φ18
25	165	135	140	100	65	22	24	2	4-Φ18	4-Φ18
32	178	150	155	110	78	24	26	2	4-Φ23	4-Φ22
40	190	165	170	125	85	24	26	2	4-Φ23	4-Φ22
50	292	175	180	135	100	26	26	2	4-Φ23	4-Φ22
65	330	200	205	160	120	28	26	2	8-Φ23	8-Φ22
80	356	210	215	170	135	30	28	2	8-Φ23	8-Φ22
100	406	250	250	200	160	32	30	2	8-Φ25	8-Φ26
125	432	295	295	240	188	36	34	2	8-Φ30	8-Φ30
150	495	340	345	280	218	38	36	2	8-Φ34	8-Φ33
200	597	405	415	345	285	44	42	2	12-Φ34	12-Φ36
250	673	470	470	400	345	48	46	2	12-Φ41	12-Φ36
300	762	530	530	460	410	54	52	2	16-Φ41	16-Φ36

国标 (GB): PN10.0MPa

DN	L	D		D1	D2	b		t	Z-Φd	
		JB/T 79	HG/T 20592			JC/T 79	HG/T 20592		JB/T 79	HG/T 20592
15	165	105	105	75	45	20	20	2	4-Φ14	4-Φ14
20	190	130	130	90	55	22	22	2	4-Φ18	4-Φ18
25	216	140	140	100	65	24	24	2	4-Φ18	4-Φ18
32	229	155	155	110	78	26	26	2	4-Φ22	4-Φ22
40	241	170	170	125	85	28	28	2	4-Φ22	4-Φ22
50	292	195	195	145	100	30	30	2	4-Φ26	4-Φ26
65	330	220	220	170	120	34	34	2	8-Φ26	8-Φ26
80	356	230	230	180	135	36	36	2	8-Φ26	8-Φ26
100	432	265	265	210	160	40	40	2	8-Φ30	8-Φ30
125	508	315	315	250	188	40	40	2	8-Φ33	8-Φ33
150	559	355	355	290	218	44	44	2	12-Φ33	12-Φ33
200	660	430	430	360	285	52	52	2	12-Φ36	12-Φ36
250	787	505	505	430	345	60	60	2	12-Φ39	12-Φ39
300	838	585	585	500	410	68	68	2	16-Φ42	16-Φ42

国标 (GB): PN16.0MPa

DN	L	D		D1	D2	b		t	Z-Φd	
		JB/T 79	HG/T 20592			JC/T 79	HG/T 20592		JB/T 79	HG/T 20592
15	230	105	105	75	45	20	20	2	4-Φ14	4-Φ14
20	240	130	130	90	55	24	24	2	4-Φ18	4-Φ18
25	260	140	140	100	65	24	24	2	4-Φ18	4-Φ18
32	300	155	155	110	78	28	28	2	4-Φ22	4-Φ22
40	360	170	170	125	85	28	28	2	4-Φ22	4-Φ22
50	400	195	195	145	100	30	30	2	4-Φ26	4-Φ26
65	490	220	220	170	120	34	34	2	8-Φ26	8-Φ26
80	580	230	230	180	135	36	36	2	8-Φ26	8-Φ26
100	620	265	265	210	160	40	40	2	8-Φ30	8-Φ30



美标浮动式法兰球阀

ANSI FLOATING FLANGE BALL VALVE



高平台
ISO High Mount Pad

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计标准

- 技术规范: 美标
- 设计标准: API6D API608
- 结构长度: ASME B16.10
- 连接法兰: ASME B16.5
- 试验与检验: API6D AP1598

- 性能规范

- 公称压力: 150, 300, 600LB
- 强度试验: PT3.0, 7.5, 15Mpa
- 密封试验: 2.2, 5.5, 11Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品, 硝酸类, 醋酸类
- 适用温度: -29℃ ~150℃

- 主要零件材料

MAIN PARTS AND MATERIALS

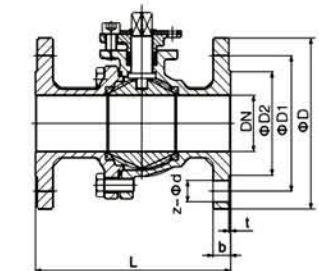
材料名称 Material Name	碳钢 Carbon steel		不锈钢 Stainless steel	
	WCB、A105	CF8、CF3	CF8M、CF3M	CF8M、CF3M
阀体 Body	WCB、A105	CF8、CF3	CF8M、CF3M	CF8M、CF3M
阀盖 Bonnet	WCB、A105	CF8、CF3	CF8M、CF3M	CF8M、CF3M
球体 Ball	304	304	304	316
阀杆 Stem	304	304	304	316
阀座 Seat	PTFE、RPTFE			
填料 Gland PACKING	PTFE/ 柔性石墨 PTFE/Flexible Graphite			
压盖 Gland	WCB、A105	CF8		

- DESIGN STANDARDS

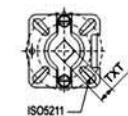
- Technical specification: ANSI
- Design standard: API6D API608
- Structure length: ASME B16.10
- Connection flange: ASME B16.5
- Test and Inspection: API6D API598

- SPECIFICATIONS

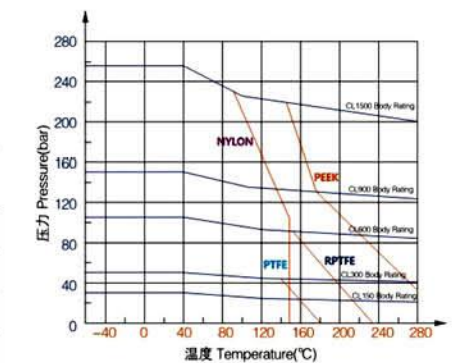
- Nominal pressure: 150, 300, 600LB
- Strength test: PT3.0, 7.5, 15 Mpa
- Seal test: 2.2, 5.5, 11 Mpa
- Gas seal test: 0.6Mpa
- The valve main material: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29℃ ~150℃



低平台
ISO Low Mount Pad



高平台
ISO High Mount Pad





美标浮动式法兰球阀

ANSI FLOATING FLANGE BALL VALVE

Q(3)41F-(150LB~900LB)P、R、C

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

美标 (ANSI): 150LB

公称口径		L	D	D1	D2	b	t	Z-Φd	ISO5211	n-Φd
in	DN									
1/2"	15	108	90	60.3	34.9	10	2	4-Φ16	F03/F04	9X9
3/4"	20	117	100	39.9	42.9	10.9	2	4-Φ16	F03/F04	9X9
1"	25	127	110	79.4	50.8	11.6	2	4-Φ16	F04/F05	11X11
1 1/4"	32	140	115	88.9	63.5	13.2	2	4-Φ16	F04/F05	11X11
1 1/2"	40	165	125	98.4	73	14.7	2	4-Φ16	F05/F07	14X14
2"	50	175	150	120.7	92.1	16.3	2	4-Φ19	F05/F07	14X14
2 1/2"	65	190	180	139.7	104.8	17.9	2	4-Φ19	F07	14X14
3"	80	203	190	152.4	127	19.5	2	4-Φ19	F07/F10	17X17
4"	100	229	230	190.5	157.2	24.3	2	8-Φ19	F07/F10	22X22
5"	125	356	255	215.9	185.7	24.3	2	8-Φ22		
6"	150	394	280	241.3	215.9	25.9	2	8-Φ22		
8"	200	457	345	298.5	269.9	29	2	8-Φ22		
10"	250	533	405	362	323.8	30.6	2	12-Φ25		
12"	300	610	485	431.8	381	32.2	2	12-Φ25		

美标 (ANSI): 300LB

公称口径		L	D	D1	D2	b	t	Z-Φd
in	DN							
1/2"	15	140	95	66.7	34.9	14.7	2	4-Φ16
3/4"	20	152	115	62.7	42.9	16.3	2	4-Φ19
1"	25	165	125	88.9	50.8	17.9	2	4-Φ19
1 1/4"	32	178	135	98.4	63.5	19.5	2	4-Φ19
1 1/2"	40	190	155	114.3	73	21.1	2	4-Φ22
2"	50	216	165	127	92.1	22.7	2	8-Φ19
2 1/2"	65	241	190	149.2	104.8	25.9	2	8-Φ22
3"	80	282	210	168.3	127	29	2	8-Φ22
4"	100	305	255	200	157.2	32.2	2	8-Φ22
5"	125	381	280	235	185.7	35.4	2	8-Φ22
6"	150	403	320	269.9	215.9	37	2	12-Φ22
8"	200	502	380	330.2	269.9	41.7	2	12-Φ25
10"	250	568	445	387.4	323.8	48.1	2	16-Φ29
12"	300	648	520	450.8	381	51.3	2	16-Φ32

美标 (ANSI): 600LB

公称口径		L	D	D1	D2	b	t	Z-Φd
in	DN							
1/2"	15	165	95	66.7	34.9	21.3	7	4-Φ16
3/4"	20	190	115	82.6	42.9	22.9	7	4-Φ19
1"	25	216	125	88.9	50.8	24.5	7	4-Φ19
1 1/4"	32	229	135	98.4	63.5	27.7	7	4-Φ19
1 1/2"	40	241	155	114.3	73	29.3	7	4-Φ22
2"	50	292	165	127	92.1	32.4	7	8-Φ19
2 1/2"	65	330	190	149.2	104.8	35.6	7	8-Φ22
3"	80	356	210	168.3	127	38.8	7	8-Φ22
4"	100	432	275	215.9	157.2	45.1	7	8-Φ25
5"	125	508	330	266.7	185.7	51.5	7	8-Φ29
6"	150	559	355	292.1	215.9	54.7	7	12-Φ29
8"	200	660	420	349.2	269.9	62.6	7	12-Φ32
10"	250	787	510	431.8	323.8	70.5	7	16-Φ35
12"	300	838	560	489	381	73.7	7	20-Φ35

美标 (ANSI): 900LB

公称口径		L	D	D1	D2	b	t	Z-Φd
in	DN							
1"	25	254	150	101.6	50.8	35.6	7	4-Φ26
1 1/4"	32	279	160	111.1	63.5	35.6	7	4-Φ26
1 1/2"	40	305	180	123.8	73	38.8	7	4-Φ30
2"	50	368	215	165.1	92.1	45.1	7	8-Φ26
2 1/2"	65	419	245	190.5	104.8	48.3	7	8-Φ30
3"	80	381	240	190.5	127	45.1	7	8-Φ26
4"	100	457	290	235	157.2	51.5	7	8-Φ33



日标浮动式法兰球阀

JIS FLOATING FLANGE BALL VALVE



高平台
ISO High Mount Pad

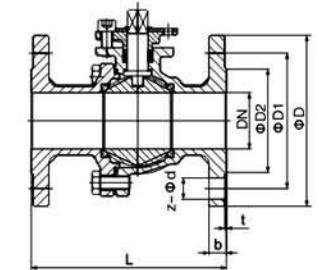
- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....

设计标准

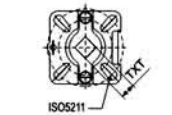
- 技术规范: 日标
- 设计标准: JIS B2071
- 结构长度: JIS B2002
- 连接法兰: JIS B2212、B2214
- 试验与检验: JIS 82003

DESIGN STANDARDS

- Technical specification: JIS
- Design Standards: JIS B2071
- Length of the structure: JIS 82002
- Connection Flange: JIS B2212, B2214
- Test and Inspection: JIS 82003



低平台
ISO Low Mount Pad



高平台
ISO High Mount Pad

性能规范

- 公称压力: 10K, 20K
- 强度试验: PT2.4, 5.8Mpa
- 密封试验: 1.5, 4.0Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品, 硝酸类, 醋酸类
- 适用温度: -29℃ ~150℃

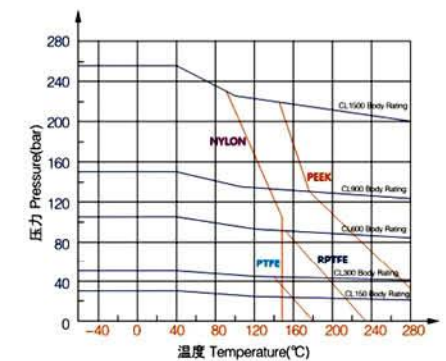
SPECIFICATIONS

- Nominal pressure: 10K, 20 K
- Strength test: PT2.4, 5.8Mpa
- Seal test: 1.5, 4.0 Mpa
- Gas seal test: 0.6Mpa
- The valve main material: WCB(G), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29℃ ~150℃

主要零件材料

MAIN PARTS AND MATERIALS

材料名称 Material Name	碳钢	不锈钢	
	Carbon steel	Stainless steel	
阀体 Body	WCB、A105	CF8、CF8	CF8M、CF3M
阀盖 Bonnet	WCB、A105	CF8、CF3	CF8M、CF3M
球体 Ball	304	304	316
阀杆 Seat	304	304	316
阀座 Seat	PTFE、RPTFE		
填料 Giand Packing	PTFE/ 柔性石墨 PTFE/Flexible Graphite		
压盖 Gland	WCB、A105	CF8	





日标浮动式法兰球阀

JIS FLOATING FLANGE BALL VALVE

Q(3)41F-(10K-20K)P, R, C

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

日标(J1S): 10K

DN	L	D	D1	D2	b	t	Z-φd	ISO5211	TXT
15A	108	95	70	52	12	1	4-φ15	F03/F04	9X9
20A	117	100	75	58	14	1	4-φ15	F03/F04	9X9
25A	127	125	90	70	14	1	4-φ19	F04/F05	11X11
32A	140	135	100	80	16	2	4-φ19	F04/F05	11X11
40A	165	140	105	85	16	2	4-φ19	F05/F07	14X14
50A	178	155	120	100	16	2	4-φ19	F05/F07	14X14
65A	190	175	140	120	18	2	4-φ19	F07	14X14
80A	203	185	150	130	18	2	8-φ19	F07/F10	17X17
100A	229	210	175	155	18	2	8-φ19	F07/F10	22X22
125A	300/356	250	210	185	20	2	8-φ23		
150A	340/394	280	240	215	22	2	8-φ23		
200A	450/457	330	290	265	22	2	12-φ23		
250A	533	400	355	325	24	2	12-φ25		
300A	610	445	400	370	24	2	16-φ25		

日标(J1S): 20K

DN	L	D	D1	D2	b	t	Z-φd
15A	140	95	70	52	14	1	4-φ15
20A	152	100	75	58	16	1	4-φ15
25A	165	125	90	70	16	1	4-φ19
32A	178	135	100	80	18	2	4-φ19
40A	190	140	105	85	18	2	4-φ19
50A	216	155	120	100	18	2	8-φ19
65A	241	175	140	120	20	2	8-φ19
80A	282	200	160	135	22	2	8-φ23
100A	305	225	185	160	24	2	8-φ23
125A	381	270	225	195	26	2	8-φ25
150A	403	305	260	230	28	2	12-φ25
200A	502	350	305	275	30	2	12-φ25
250A	568	430	380	345	34	2	12-φ27
300A	648	480	430	395	36	3	16-φ27



德标浮动式法兰球阀

DIN FLOATING FLANGE BALL VALVE



- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

设计标准

- 技术规范: 德标
- 设计标准: DIN3357
- 结构长度: DIN3202
- 连接法兰: DIN2542-2546
- 试验与检验: DIN3230

DESIGN STANDARDS

- Technical specification: DIN
- Design standard: DIN3357
- Length of the structure: DIN3202
- Connection Flange: DIN2542-2546
- Test and Inspection: DIN3230

性能规范

- 公称压力: 1.6, 2.5, 4.0, 6.3Mpa
- 强度试验: 2.4, 3.8, 6.0, 9.5Mpa
- 密封试验: 1.8, 2.8, 4.4, 7.0Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品, 硝酸类, 醋酸类
- 适用温度: -29℃ ~150℃

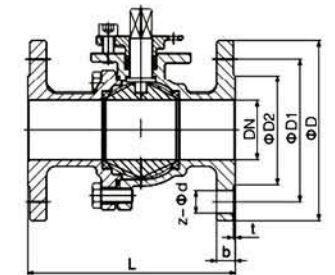
SPECIFICATIONS

- Nominal pressure: 1.6, 2.5, 4.0, 6.3 Mpa
- Strength test: 2.4, 3.8, 6.0, 9.5Mpa
- Seal test: 1.8, 2.8, 4.4, 7.0Mpa
- Gas seal test: 0.6Mpa
- The valve main material: WCB (C), CF8 (P), CF3 (PL), CF8M (R), CF3M (RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29℃ ~150℃

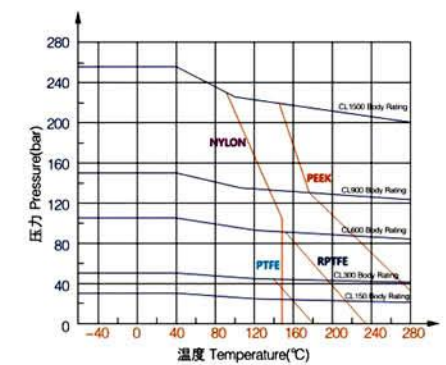
主要零件材料

MAIN PARTS AND MATERIALS

材料名称 Material Name	碳钢 Carbon steel	不锈钢 Stainless steel	
阀体 Body	WCB, A105	CF8, CF8	CF8M, CF3M
阀盖 Bonnet	WCB, A105	CF8, CF3	CF8M, CF3M
球体 Ball	304	304	316
阀杆 Seat	304	304	316
阀座 Seat	PTFE, RPTFE		
填料 Gland Packing	PTFE/ 柔性石墨 PTFE/Flexible Graphite		
压盖 Gland	WCB, A105	CF8	



低平台
ISO Low Mount Pad





德标浮动式法兰球阀

DIN FLOATING FLANGE BALL VALVE

Q(3)41F-(16-63)P、R、C

- 主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

德标 (DIN): PN1.6Mpa

公称通径 DN	L	D	D1	D2	b	t	Z-φd	ISO5211	TXT
15	115	95	65	45	16	2	4-φ14	F03/F04	9X9
20	120	105	75	58	18	2	4-φ14	F03/F04	9X9
25	125	115	85	68	18	2	4-φ14	F04/F05	11X11
32	130	140	100	78	18	2	4-φ18	F04/F05	11X11
40	140	150	110	88	18	3	4-φ18	F05/F07	14X14
50	150	165	125	102	18	3	4-φ18	F05/F07	14X14
65	170	185	145	122	18	3	8-φ18	F07	14X14
80	180	200	160	138	20	3	8-φ18	F07/F10	17X17
100	190	220	180	158	20	3	8-φ18	F07/F10	22X22
125	325	250	210	188	22	3	8-φ18		
150	350	285	240	212	22	3	8-φ88		
200	400	340	295	268	24	3	12-φ22		
250	450	405	355	320	26	3	12-φ26		
300	500	460	410	378	28	4	12-φ26		

德标 (DIN): PN4.0Mpa

公称通径 DN	L	D	D1	D2	b	t	Z-φd
15	115	95	65	45	16	2	4-φ14
20	120	105	75	58	18	2	4-φ14
25	125	115	85	68	18	2	4-φ14
32	130	140	100	78	18	2	4-φ18
40	140	150	110	88	18	3	4-φ18
50	150	165	125	102	20	3	4-φ18
65	170	185	145	122	22	3	8-φ18
80	180	200	160	138	24	3	8-φ18
100	190	235	190	162	24	3	8-φ22
125	325	270	220	188	26	3	8-φ26
150	350	300	250	218	28	3	8-φ26
200	400	375	320	285	34	3	12-φ30
250	450	450	385	345	38	3	12-φ33
300	500	515	450	410	42	4	16-φ33

德标 (DIN): PN2.5Mpa

公称通径 DN	L	D	D1	D2	b	t	Z-φd	ISO5211	TXT
15	115	95	65	45	16	2	4-φ14	F03/F04	9X9
20	120	105	75	58	18	2	4-φ14	F03/F04	9X9
25	125	115	85	68	18	2	4-φ14	F04/F05	11X11
32	130	140	100	78	18	2	4-φ18	F04/F05	11X11
40	140	150	110	88	18	3	4-φ18	F05/F07	14X14
50	150	165	125	102	20	3	4-φ18	F05/F07	14X14
65	170	185	145	122	22	3	8-φ18	F07	14X14
80	180	200	160	138	24	3	8-φ18	F07/F10	17X17
100	190	235	190	162	24	3	8-φ22	F07/F10	22X22
125	325	270	220	188	26	3	8-φ26		
150	350	300	250	218	28	3	8-φ26		
200	400	360	310	278	30	3	12-φ26		
250	450	425	370	335	32	3	12-φ30		
300	500	485	430	395	34	4	16-φ30		

德标 (DIN): PN6.3Mpa

公称通径 DN	L	D	D1	D2	b	t	Z-φd
15	140	105	75	45	20	2	4-φ14
20	152	130	90	58	22	2	4-φ18
25	165	140	100	68	24	2	4-φ18
32	178	155	110	75	26	2	4-φ22
40	190	170	125	88	28	3	4-φ22
50	216	180	135	102	26	3	4-φ22
65	241	205	160	122	26	3	8-φ22
80	283	215	170	138	28	3	8-φ22
100	305	250	200	162	30	3	8-φ26
125	381	295	240	188	34	3	8-φ30
150	403	345	280	218	36	3	8-φ33
200	419	415	345	285	42	3	12-φ36
250	457	470	400	345	46	3	12-φ36
300	502	530	460	410	52	3	16-φ36



一体式防泄漏球阀

WHOLE TYPE FLANGED BALL VALVE

Q41F-(16-64)P、R、C-Y

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计标准

- 公称压力: PN1.6, 2.5, 4.0, 6.4MPa
- 强度试验压力: PT2.4, 3.8, 6.0, 9.6MPa
- 低压气密封试验压力: 0.6MPa
- 适用介质:
Q41F-(16-64)C 水、油品、气
Q41F-(16-64)P 硝酸类
Q41F-(16-64)R 醋酸类
- 适用温度: -29°C ~150°C

- DESIGN STANDARDS

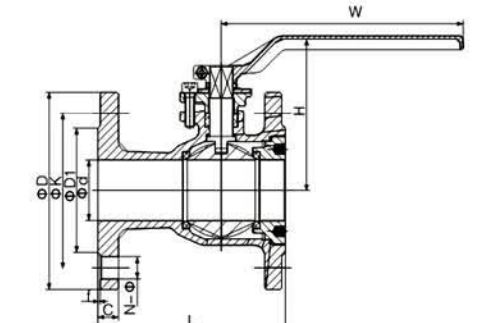
- Nominal pressure: PN1.6, 2.5, 4.0, 6.4Mpa
- Strength testing pressure: PT2.4, 3.8, 6.0, 9.6MPa
- Seat testing pressure (low pressure): 0.6MPa
- Applicable media:
Q41F-(16-64)C Water, Oil, Gas
Q41F-(16-64)P Nitric acid
Q41F-(16-64)R Acetic acid
- Applicable temperature: -29°C ~150°C



- 主要零件材料

MAIN PARTS AND MATERIALS

材料名称 Material Name	Q41F-(16-40)C	Q41F-(16-40)P	Q41F-(16-40)R
阀体 Body	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
阀盖 Bonnet	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
球体 Ball	1Cr18Ni9Ti 304	1Cr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
阀杆 Stem	1Cr18Ni9Ti 304	1Cr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
密封圈 Sealing	聚四氟乙烯 Polytetrafluorethylene (PTFE)		
填料 Gland Packing	聚四氟乙烯 Polytetrafluorethylene (PTFE)		

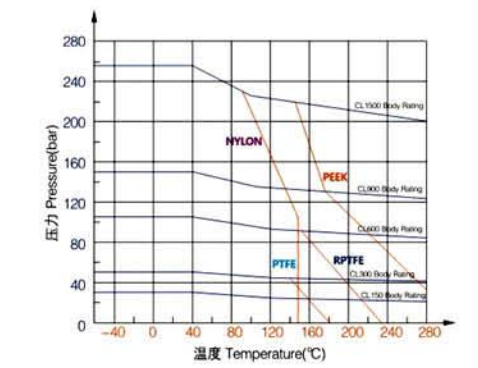


- 主要外形尺寸

MAIN OUTER SIZE

国标 (GB): PN1.6MPa

DN	d	L	D	K	D1	C	f	H	N-φ	W
15	12	90	95	65	46	14	2	60	4-14	110
20	15	105	105	75	56	14	2	65	4-14	120
25	25	110	115	85	65	14	2	99	4-14	168
32	32	125	135	100	78	16	2	103	4-18	168
40	38	136	145	110	85	16	2	118	4-18	200
50	49	155	160	125	100	17	2	125	4-18	200
65	57	170	180	145	120	19	2	139	4-18	200
80	76	180	195	160	135	20	3	158	8-M16	270
100	90	190	215	180	155	20	3	170	8-M16	320
125	100	200	245	210	185	22	3	210	8-M16	550
150	125	230	285	240	212	22	3	235	8-M20	650
200	150	275	340	295	268	24	3	256	12-M20	800





薄型法兰、对夹球阀

WAFER TYPE FLANGED BALL VALVE

Q₇1F-(16-64)P、R、C-B_D



- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 性能规范

- 公称压力: PN1.6, 2.5, 4.0, 6.4MPa
- 强度试验压力: PT2.4, 3.8, 6.0, 9.6MPa
- 低压气密封试验压力: 0.6MPa
- 适用介质:
Q41F-(16-64)C 水、油品、气
Q41F-(16-64)P 硝酸类
Q41F-(16-64)R 醋酸类
- 适用温度: -29℃ ~150℃

- SPECIFICATIONS

- Nominal pressure: PNI.6, 2.5, 4.0, 6.4Mpa
- Strength testing pressure: PT2.4, 3.8, 6.0, 9.6MPa
- Seat testing pressure (low pressure): 0.6MPa
- Applicable media:
Q41F-(16-64)C Water, Oil, Gas
Q41F-(16-64)P Nitric acid
Q41F-(16-64)R Acetic acid
- Applicable temperature: -29℃ ~150℃

- 主要零件材料

MAIN PARTS AND MATERIALS

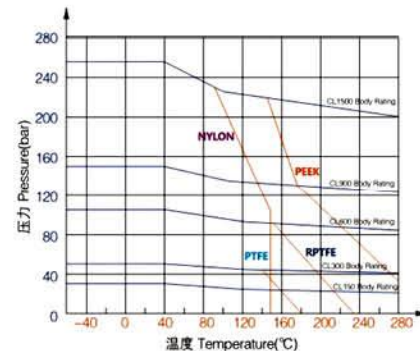
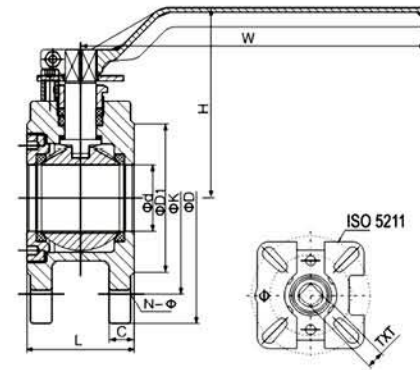
材料名称 Material Name	Q41F-(16-64)C	Q41F-(16-64)P	Q41F-(16-64)R
阀体 Body	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
阀盖 Bonnet	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
球体 Ball	ICr18Ni9Ti 304	ICr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
阀杆 Stem	ICr18Ni9Ti 304	ICr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
密封圈 Sealing	聚四氟乙烯 Polytetrafluorethylene(PTFE)		
填料 Gland Packing	聚四氟乙烯 Polytetrafluorethylene(PTFE)		

- 主要外形尺寸

MAIN OUTER SIZE

国标 (GB): PN1.6MPa

DN	d	L	D	K	D1	C	H	N-φ	W	ISO521	TXT
15	15	35	95	65	46	10	65	4-M12	100	F03/F04	9×9
20	20	37	105	75	56	11	70	4-M12	110	F03/F04	9×9
25	25	42	115	85	65	12	80	4-M12	125	F04/F05	11×11
32	32	53	135	100	76	14	90	4-M16	150	F04/F05	11×11
40	38	62	145	110	85	16	96	4-M16	160	F05/F07	14×14
50	50	78	160	125	100	17	104	4-M16	180	F05/F07	14×14
65	58	90	180	145	118	18	110	4-M16	200	F05/F07	14×14
80	76	110	195	160	132	18	130	8-M16	250	F07/F10	17×17
100	90	134	215	180	156	19	145	8-M16	270	F07/F10	17×17
125	100	200	245	210	185	22	210	8-M16	550		
150	125	230	285	240	212	22	235	8-M20	650		
200	150	275	340	295	268	24	256	12-M20	800		



三片式法兰球阀

3PC TYPE FLANGED BALL VALVE

Q41F-(16-40、150LB)P、R、C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 性能规范

- 公称压力: PN1.6, 2.5, 4.0MPa
- 强度试验压力: PT2.4, 3.8, 6.0MPa
- 低压气密封试验压力: 0.6MPa
- 适用介质:
Q41F-(16-64)C 水、油品、气
Q41F-(16-64)P 硝酸类
Q41F-(16-64)R 醋酸类
- 适用温度: -29℃ ~150℃

- SPECIFICATIONS

- Nominal pressure: PN1.6, 2.5, 4.0Mpa
- Strength testing pressure: PT2.4, 3.8, 6.0MPa
- Seat testing pressure (low pressure): 0.6MPa
- Applicable media:
Q41F-(16-64)C Water, Oil, Gas
Q41F-(16-64)P Nitric acid
Q41F-(16-64)R Acetic acid
- Applicable temperature: -29℃ ~150℃

- 主要零件材料

MAIN PARTS AND MATERIALS

材料名称 Material Name	Q41F-(16-40)C	Q41F-(16-40)P	Q41F-(16-40)R
阀体 Body	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
阀盖 Bonnet	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
球体 Ball	ICr18Ni9Ti 304	ICr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
阀杆 Stem	ICr18Ni9Ti 304	ICr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
密封圈 Sealing	聚四氟乙烯 Polytetrafluorethylene(PTFE)		
填料 Gland Packing	聚四氟乙烯 Polytetrafluorethylene(PTFE)		

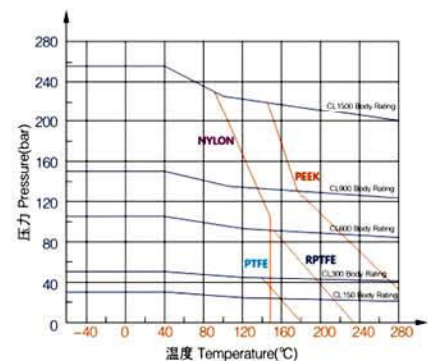
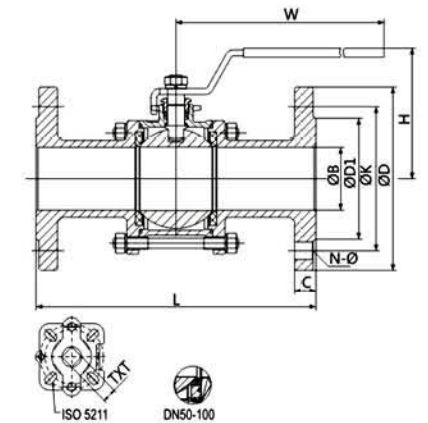
- 主要外形尺寸

MAIN OUTER SIZE

DN	B	L	H	W	D	K	D1	C	N-φ	D	K	D1	C	N-φ	D	K	D1	C	N-φ	ISO521	TXT
15	15	130	75	130	95	65	45	16	4-14	95	65	45	16	4-14	90	60.5	35	10	4-15	F03/F04	9×9
20	20	150	80	140	105	75	58	18	4-14	105	75	58	18	4-14	100	70	43	11	4-15	F03/F04	9×9
25	25	160	85	150	115	85	68	18	4-14	115	85	68	18	4-14	110	79.5	51	12	4-15	F04/F05	11×11
32	32	180	100	170	140	100	78	18	4-18	140	100	78	18	4-18	115	89	64	13	4-15	F04/F05	11×11
40	38	200	110	200	150	110	88	18	4-18	150	110	88	18	4-18	125	98.5	73	15	4-15	F03/F04	14×14
50	50	230	120	220	165	125	102	18	4-18	165	125	102	20	4-18	150	120.5	92	16	4-19	F05/F07	14×14
65	65	290	130	280	185	145	122	18	4-18	185	145	122	22	8-18	180	139.5	105	18	4-19	F05/F07	14×14
80	78	310	140	300	200	160	138	20	8-18	200	160	138	24	8-18	190	152.5	127	19	4-19	F07	17×17
100	100	350	160	340	220	180	158	20	8-18	235	190	162	24	8-22	230	190.5	157	24	8-19	F07/F10	22×22
125	125	400	215	550	250	210	185	22	8-18	270	220	188	26	8-26	255	215.9	185.7	24	8-22	F07/F10	
150	150	480	233	650	385	240	210	22	8-22	300	250	218	28	8-26	280	241.3	215.9	26	8-22		
200	200	600	350	800	340	295	265	24	12-22	375	320	282	34	12-30	345	298.5	270	29	8-22		



高平台
ISO High Mount Pad





三通法兰球阀

THREE WAY FLANGE BALL VALVE

Q4⁴₅F-(16~150LB、10K)P、R、C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计规范

- 技术依据: 国标美标
- 设计标准: GB/T 12237, ASME B16.34
- 结构长度: GB/T 12221
- 适虫差法兰: GB/T 9113 JB 79 ASME B16.5
- 试验与检验: GB/T 26480 API598

- 性能规范

- 公称压力: 1.6MPa, 150lb
- 强度试验: 2.4, 3.0MPa
- 密封试验: 1.8, 2.2MPa
- 气密封试验: 0.6MPa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品, 硝酸类, 醋酸类
- 适用温度: -29℃ ~150℃

- 主要零件材料

MAIN PARTS AND MATERIALS

材料名称 Material Name	碳钢 Carbon steel	不锈钢 Stainless steel	
阀体 Body	WCB	CF8	CF8M、CF3M
阀盖 Bonnet	WCB	CF8	CF8M、CF3M
球体 Ball	304	304	316
阀杆 Stem	304	304	316
阀座 Seat	PTFE、RPTFE		
填料 Gland PACKING	PTFE/ 柔性石墨 PTFE/Flexible Graphite		
压盖 Gland	WCB	CF8	

- 主要外形尺寸

MAIN OUTER SIZE

DN	L	D	D1	D2	C	n-φb	D	D1	D2	C	N-φ	D	D1	D2	C	N-φ		
15	150	95	65	45	14	4-14	90	60.3	34.9	10	4-16	95	70	52	12	4-15		
20	160	105	75	55	14	4-14	100	69.9	42.9	10.9	4-16	100	75	58	14	4-15		
25	180	115	85	65	14	4-14	110	79.4	50.8	11.6	4-16	125	90	70	14	4-19		
32	200	135	100	78	16	4-18	115	88.9	63.5	13.2	4-16	135	100	80	16	4-19		
40	220	145	110	85	16	4-18	125	98.4	73	14.7	4-16	140	105	85	16	4-19		
50	240	160	125	100	16	4-18	150lb	150	120.7	92.1	16.3	4-19	10K	155	120	100	16	4-19
65	260	180	145	120	18	4-18	180	139.7	104.8	17.9	4-19	175	140	120	18	4-19		
80	280	195	160	135	20	8-18	190	152.4	127	19.5	4-19	185	150	130	18	8-19		
100	320	215	180	155	20	8-18	230	190.5	157.2	24.3	8-19	210	175	155	18	8-19		
125	380	250	210	188	22	8-18	255	215.9	185.7	24.3	8-22	250	210	182	20	8-23		
150	440	285	240	212	22	8-22	280	241.3	215.9	25.9	8-22	280	240	212	22	8-23		

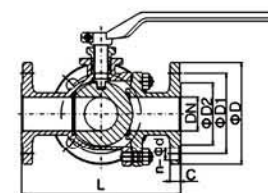
- 主要外形尺寸 (高平台)

MAIN OUTER SIZE

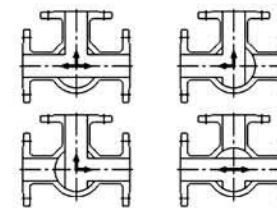
DN	L	ISO5211	TXT	D	D1	D2	D1	n-φb	D	D1	D2	C	N-φ	D	D1	D2	C	N-φ		
15	180	F03F04	9X9	95	65	45	14	4-14	90	60.3	34.9	10	4-16	95	70	52	12	4-15		
20	190	F03F04	9X9	105	75	55	14	4-14	100	69.9	42.9	10.9	4-16	100	75	58	14	4-15		
25	215	F04F05	11X11	115	85	65	14	4-14	110	79.4	50.8	11.6	4-16	125	90	70	14	4-19		
32	230	F04F05	11X11	135	100	78	16	4-18	115	88.9	63.5	13.2	4-16	135	100	80	16	4-19		
40	255	F05F07	14X14	145	110	85	16	4-18	125	98.4	73	14.7	4-16	140	105	85	16	4-19		
50	280	F07	17X17	160	125	100	16	4-18	150lb	150	120.7	92.1	16.3	4-19	10K	155	120	100	16	4-19
65	310	F07F10	17X17	180	145	120	18	4-18	180	139.7	104.8	17.9	4-19	175	140	120	18	4-19		
80	340	F07F10	17X17	195	160	135	20	8-18	190	152.4	127	19.5	4-19	185	150	130	18	8-19		
100	390		22X22	215	180	155	20	8-18	230	190.5	157.2	24.3	8-19	210	175	155	18	8-19		
125	380			250	210	188	22	8-18	255	215.9	185.7	24.3	8-22	250	210	182	20	8-23		
150	440			285	240	212	22	8-22	280	241.3	215.9	25.9	8-22	280	240	212	22	8-23		



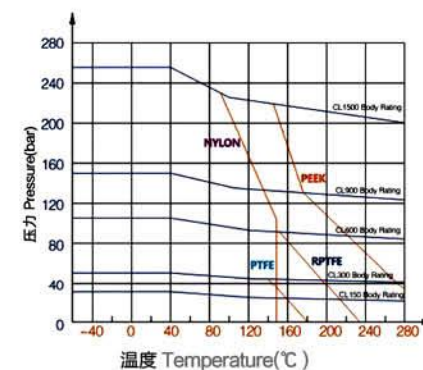
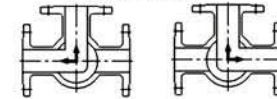
高平台
ISO High Mount Pad



T型三通通口位置图
T Port Position



L型三通通口位置图
L Port Position



全焊接球阀

FULLY-WELDED BALL VALVE

Q(3)61F-(16-64、150LB-300LB)C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计规范

- 设计标准: GB/T 12237/ AP16D/AP1608
- 结构长度: GB/T12221, AP16D, ASME B16.10
- 连接法兰: JB79, GB/T 9113.1, ASME B16.5, B16.47
- 焊接端: GB/T 1222, ASME B16.25
- 试验与检验: GB/T 13927, API6D, API598

- DESIGN STANDARDS

- Design standards: GB/T 12237/API6D/API608
- Structure length: GB/T12221, API6D, ASME 816.10
- Connection flange: JB79, GB/T 9113.1, ASME B16.5, 816.47
- Welding end: GB/T 12224, ASME 816.25
- Test and inspection: GB/T 13927, AP16D, API 598

- 性能规范

- 公称压力: PN16, PN25, PN40, 150, 300LB
- 拍醒复试验: PT2.4, 3.8, 6.0, 3.0, 7.5MPa
- 密封试验: 1.8, 2.8, 4.4, 2.2, 5.5MPa
- 气密封试验: 0.6MPa
- 阀门主体讲斗: A105(C), F304(P), F316(R)
- 适用介质: 天然气、石油、供热、化工及热电网等长输管线
- 适用温度: -29℃ ~150℃

- SPECIFICATIONS

- Nominal pressure: PN16,PN25,PN40,150,300LB
- Strength test: PT2.4,3.8,6.0,3.0,7.5MPa
- Seal test: 1.8,2.8,4.4,2.2,5.5MPa
- Gas seal test: 0.6MPa
- The valve main material: A105(C), F304(P), F316(R)
- Suitable medium: the long-distance pipeline for, natural gas, petroleum, heating and thermal power pipe net.
- Surtable temperature: -29℃ ~150℃

- 主要零件材料

MAIN PARTS AND MATERIALS

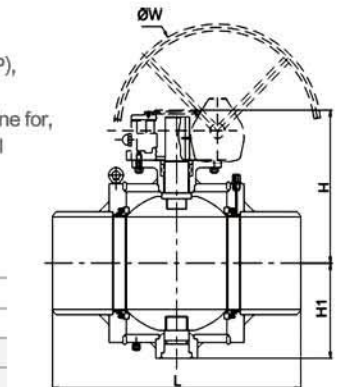
材料名称 Material Name	材质 Material	
	GB	ASTM
阀体 Body	25	A105
球体 Ball	304	304
阀杆 Stem	1Cr13	182F6a
弹簧 Spring	6osi2Mn	InconelX-750
密封圈 Seat	PTFE	PTFE
螺栓 Bolt	35CrMOA	A193 B7

- 主要外形尺寸

MAIN OUTER SIZE

PN16/PN25/CLASS150

DN	NPS	全通径 Full Bore			单位 Unit(mm)		
		L			H1	H2	W
		RF	WE	RJ			
50	2	178	216	191	108	108	210
65	2 1/2	191	241	203	126	126	210
80	3	203	283	216	154	154	270
100	4	229	305	241	178	178	320
150	6	394	457	406	184	205	320
200	8	457	521	470	220	245	350
250	10	533	559	546	255	300	400
300	12	610	635	622	293	344	400
350	14	686	762	699	332	383	400
400	16	762	838	775	384	435	520
450	18	864	914	876	438	492	600
500	20	914	991	927	486	527	600





燃气球阀

GAS BALL VALVE

Q(3)4₇F-(16-64)C

Q11F-(16-64)C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计标准

- 设计标准: GB/T 12237、ASME.B16.34
- 连接法兰: GB/T 9113/HG/ASMEB16.5/JIS B2220
- 链接螺纹: IS07/1.IS0228/1, ANSI B1.20.1
- 对焊端: GB/T 12224.ASME B16.25
- 结构长度: GB/T 12221.ASME 816.10
- 试验与检验: GB/T 13927 GB/T 26480 AP1598

- DESIGN STANDARDS

- Design Standard: GB/T 12237, ASME.B16.34
- Flanged Ends: GB/T 9113/HG/ASMEB16.5/JIS B2220
- Thread ends: IS07/1, IS0228/1, ANSI B1.20.1
- Butt weld ends: GB/T 12224.ASME B16.25
- Face to Face: GB/T 12221.ASME 816.10
- Test and Inspection: GB/T 13927 GB/T 26480 API598

- 性能规范

- 公称压力: PN1.6, 2.5, 4.0, 6.4MPa
- 强度试验压力: PT2.4, 3.8, 6.0, 9.6MPa
- 低压气密封试验压力: 0.6MPa
- 适用介质: 天然气、石油液化气、煤气等
- 适用温度: -29℃ ~150℃

- SPECIFICATIONS

- Nominal pressure: PN1.6, 2.5, 4.0, 6.4Mpa
- Strength testing pressure: PT2.4, 3.8, 6.0, 9.6MPa
- Seat testing pressure(low pressure): 0.6MPa
- Applicable media: Natural gas, liquefied gas, gas, etc.
- Applicable temperature: -29℃ ~150℃

- 具备如下特点

- 具有防静电、防火装置;
- 采用 PTFE (聚四氟乙烯) 作为密封, 具有良好润滑性和弹性, 与球体摩擦系数小, 使用寿命长;
- 安装不同的执行器, 可以实现远程自动控制;
- 密封可靠;
- 选用耐腐蚀的抗硫材料。

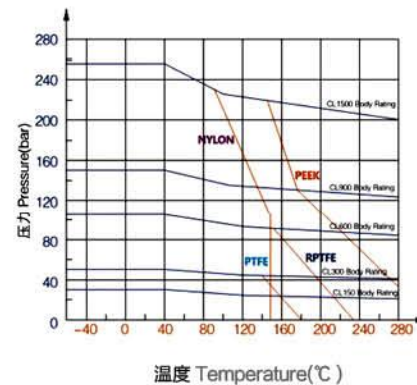
- FEATURES

- With the device of FIRE SAFE, anti-static
- With the sealing of PTFE, which makes good lubrication and elasticity, and also lower friction coefficient and longer lifetime.
- Install with different kinds of actuator and can make its with automatic control by long-distance.
- Reliable sealin .
- The material which is resistant corrosion and to sulfur

- 主要零件材料

MAIN PARTS AND MATERIALS

材料名称 Material Name	Q41F-(16-64)C	Q41F-(16-64)	PQ41F-(16-64)R
阀体 Body	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
阀盖 Bonnet	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
球体 Ball	ICr18Ni9Ti 304	ICr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
阀杆 Stem	ICr18Ni9Ti 304	ICr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
密封圈 Sealing	聚四氟乙烯 Polytetrafluorethylene(PTFE)		
填料 Gland Packing	聚四氟乙烯 Polytetrafluorethylene(PTFE)		



高性能 V 型球阀

HIGH PERFORMANCE V BALL VALVE

3

Q647Y-(16、150LB、10K)P、R、C-GV

9

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 概要

V 型高性能球阀的阀芯具有 V 形口球体, 是一种以改变 V 形切口面积来调节流体流量的旋转式调节阀。它特别适用于含有纤维或带有颗粒状物的介质。如纸浆生产、污水处理以及油品稳压输油管线等场合的控制。该阀芯上下端没有转动轴, 阀座带有增能环可以调节密封力, 阀关闭时 V 形开口与阀座产生楔形剪切力, 使密封性能优越于 O 形球阀、闸板阀、闸阀等阀门, 它主要应用于石化、造纸、电力、轻工、水处理厂等工业部门。

- SUMMARY

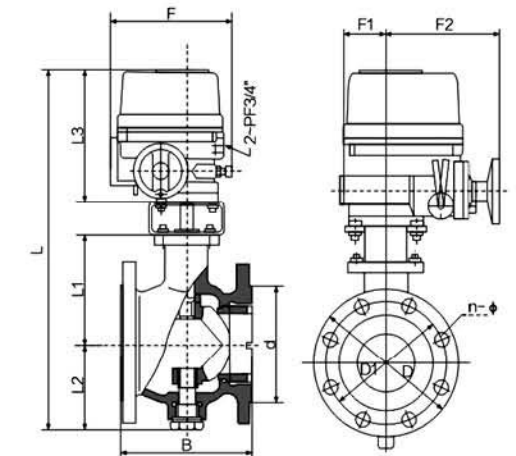
The valve plug of the high performance V ball valve is a V ball, which is a kind of rotary control valve that controls fluid flow through changing the V cut area. It is especially suitable for controlling media containing fibers or granules, such as control in applications such as paper pulp production, sewage treatment, oil product pressure stabilizing oil transportation pipeline, etc. The plug is provided with the rotary shaft at the upper and lower ends. The seat is provided with the booster ring for controlling the sealing force. When the valve is opened or closed, the V cut produces wedge shearing force with the seat, so that the sealing performance is superior to that of O ball valve, gate valve, etc. It is mainly applied in such industries as petrochemical industry, paper & pulp, light industry, water treatment, etc.

- 特点

V 形切口具有可调比大和等百分比流量特性, 实现了对压力和流量的平稳调节。结构简单、体积小、重量轻、流路畅通。采用大螺母弹性自动补偿结构, 对阀座和阀芯的密封面进行有效的调节, 从而达到良好的密封性能。带有偏心的阀芯、阀座结构, 能减少自身的磨损。V 形切口与阀座产生楔形剪切作用, 能切断含有纤维状的介质, 特别适合于粘度较大, 含纤维及颗粒状的介质的开启与调节。

- SUMMARY

The V cut has large adjustable ratio and equal percentage flow characteristic, realizing stable control of pressure and flow. Simple structure, small volume, light weight, smooth flow channel. Provided with large nut elastic automatic compensation structure to effectively control the sealing face of seat and plug and realize good sealing performance. The eccentric plug and seat structure can reduce wear. The V cut produces wedge shearing force with the seat to shut off media containing fibers. It is especially suitable for opening and controlling media of high viscosity and media containing fibers and granules.





高性能 V 型球阀

HIGH PERFORMANCE V BALL VALVE
3
Q647Y-(16、150LB、10K)P、R、C-GV
9

主要技术参数 MAIN TECHNICAL PARAMETERS

- 阀体**
 - 型式: 偏心角行程整体型球体夹套型球
 - 公称通径 (DN): 1"~20"
 - 公称压力 (PN): ANSI 150LB~900LB
 - 连接方式: 法兰连接式或对夹式
 - 材质: A216-WCB、A351-CF8、A351-CF8M (或锻件)
 - 填料: 石棉浸四氟、聚四氟乙烯、柔性石墨
按用户需要也可提供保温夹套式蝶阀
- 阀内组件**
 - 阀芯型式: 含 V 形切口的部份球面形球体
 - 阀芯材料: A351-CF8、CF8M 碳化处理或表面喷焊硬质
 - 合金阀座材质及使用温度:
 - 软密封 (R): 聚四氟乙烯 -20~+180℃
填充四氟 -20~+180℃
对位聚苯 -40~+350℃
 - 硬密封 (y): A351-CF8、CF8M
碳化或表面喷焊硬质合金
-40~+450℃
 - 阀轴材料: A276-420、A564-630
 - 轴套刚斗: A182-F304、A182-F316 (氮化处理) 或 WMS (高温合金)
- 图 1 软密封型**
 - 阀芯: A351-CF8、A351-CF8M
 - 阀座材质: 聚四氟乙烯、填充四氟、对位聚苯
 - 阀座泄漏量: 零泄漏
- 图 2 钢片式金属密封**
 - 阀芯冷却: A351-CF8、CF8M 氮化或表面喷焊
 - 阀座材质: 3J1、Inconel 不锈钢薄板
 - 阀座泄漏量: 按 ANSI B16.104 IV-VI 级密封
 - 额定 KVx0.001% 以内 (250℃)
 - 额定 KVx0.005% 以内 (400℃)

- BODY**
 - Type: eccentric angular travel integral ball, jacket ball
 - Nominal diameter (DN): 1"~20"
 - Nominal pressure PN: ANS1150LB~900LB
 - Type of connection: flange connection or wafer type
 - Material: A216-WCB, A351-CF8, A351-CF8M (or forgings)
 - Packing: PTFE impregnated asbestos, PTFE, flexible graphite Heat preservation jacket butterfly valve can also be offered according to user requirements.

- BODY**
 - Type: eccentric angular travel integral ball, jacket ball
 - Nominal diameter (DN): 1"~20"
 - Nominal pressure PN: ANS1150LB~900LB
 - Type of connection: flange connection or wafer type
 - Material: A216-WCB, A351-CF8, A351-CF8M (or forgings)
 - Packing: PTFE impregnated asbestos, PTFE, flexible graphite Heat preservation jacket butterfly valve can also be offered according to user requirements.

- Figure 1 Soft seale type
 - Plug: A351-CF8, A351-CF8M
 - Seat material: PTFE, filled PTFE, PPL
 - Seat leakage: zero leakage

- Figure 2 Steel sheet type metal seal
 - Plug material: A351-CF8, CF8M nrtiding or surfaoe
 - spray welding
 - Seat material: 3J1, Inoonel stainless steel sheet
 - Seat leakage: As per ANSI B16.104 dass IV-VI sealing
 - Rated within KVx0.001% (250℃)
 - Rated within KVx0.005% (400℃)

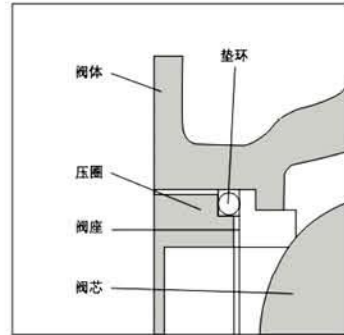


图 1 软密封结构局部图
Figure 1 Soft seal structural diagram

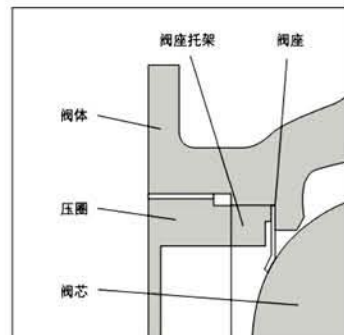


图 2 钢片式金属硬密封结构局部图
Figure 2 Steel sheet type metal hard seal structural diagram

DN	L	国标法兰尺寸 PN16				L	美标法兰尺寸 150 LB				日标法兰尺寸 10K				执行机构型号
		D	D1	d	n-φ		D	D1	d	n-φ	D	D1	d	n-φ	
25	450	115	85	65	4-φ14	102	110	79.4	50.8	4-16	125	90	67	4-19	驱动方式可选用手动、气动、电动、蜗轮传动等方式
32	470	140	100	76	4-φ18	102	115	88.9	63	4-16	135	100	76	4-19	
40	473	150	110	84	4-φ18	114	125	98.4	73	4-16	140	105	81	4-19	
50	488	165	125	99	4-φ18	124	150	120.7	92.1	4-18	155	120	96	4-19	
65	561	185	145	118	8-φ18	145	180	139.7	104.8	4-18	175	140	116	4-19	
80	586	200	160	132	8-φ18	165	190	152.4	127	4-18	185	150	126	8-19	
100	607	220	180	156	8-φ18	194	230	190.5	157.2	8-18	210	175	151	8-19	
125	668	250	210	184	8-φ18	194	255	215.9	185.7	8-22	250	210	182	8-23	
150	693	285	240	211	8-φ22	229	280	241.3	215.9	8-22	280	240	212	8-23	
200	768	340	295	266	12-φ22	243	345	298.5	269.9	8-22	330	290	262	12-23	
250	901	405	355	319	12-φ26	297	405	362	323.8	12-26	400	355	324	12-25	
300	921	460	410	370	12-φ26	338	485	431.8	381	12-26	445	400	368	16-25	
350	1062	520	470	429	16-φ29	400	535	476.3	412.8	12-30	490	445	413	16-25	
400	1117	580	525	480	16-φ30	400	595	539.8	469.9	16-30	560	510	475	16-27	
450	1255	640	585	548	20-φ30	520	635	577.9	533.4	16-33	620	565	530	20-27	
500	1282	715	650	609	20-φ33	600	700	635	584.2	20-33	675	620	585	20-27	



偏心半球阀

ECCENTRIC HEMISPHERE VALVE
3
Q647Y-(16、150LB、10K)P、R、C
9



- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等**
- 国际标准 +**

概要

偏心球阀采用板簧加载的可动阀座结构, 阀座与球体不会产生卡阻或脱离等问题, 密封可靠, 使用寿命长。V 型切口的球芯与金属阀座之间具有剪切作用, 特别适用于含纤维、微小固体颗粒及料浆等介质。控制造纸工业的纸浆显得尤为优越。启闭件采用 V 型球缺结构, 完全解决了阀腔易沉积介质的问题。全开启时阀门的流通能力大, 压力损失小。结构紧凑, 通用性强, 流量特性为近似等百分比, 可调节范围大, 最大可调比为 100:1。蜗轮传动具有精确调节并可靠定位的功能。偏心球阀用于调节管路中介质的压力及流量, 选用不同的材质, 可分别适用于水、蒸汽、油品、硝酸、醋酸、氧化性介质、尿素、氨盐水、中和水等多种介质。

外形与连接尺寸

OUTLINE AND CONNECTION DIMENSIONS

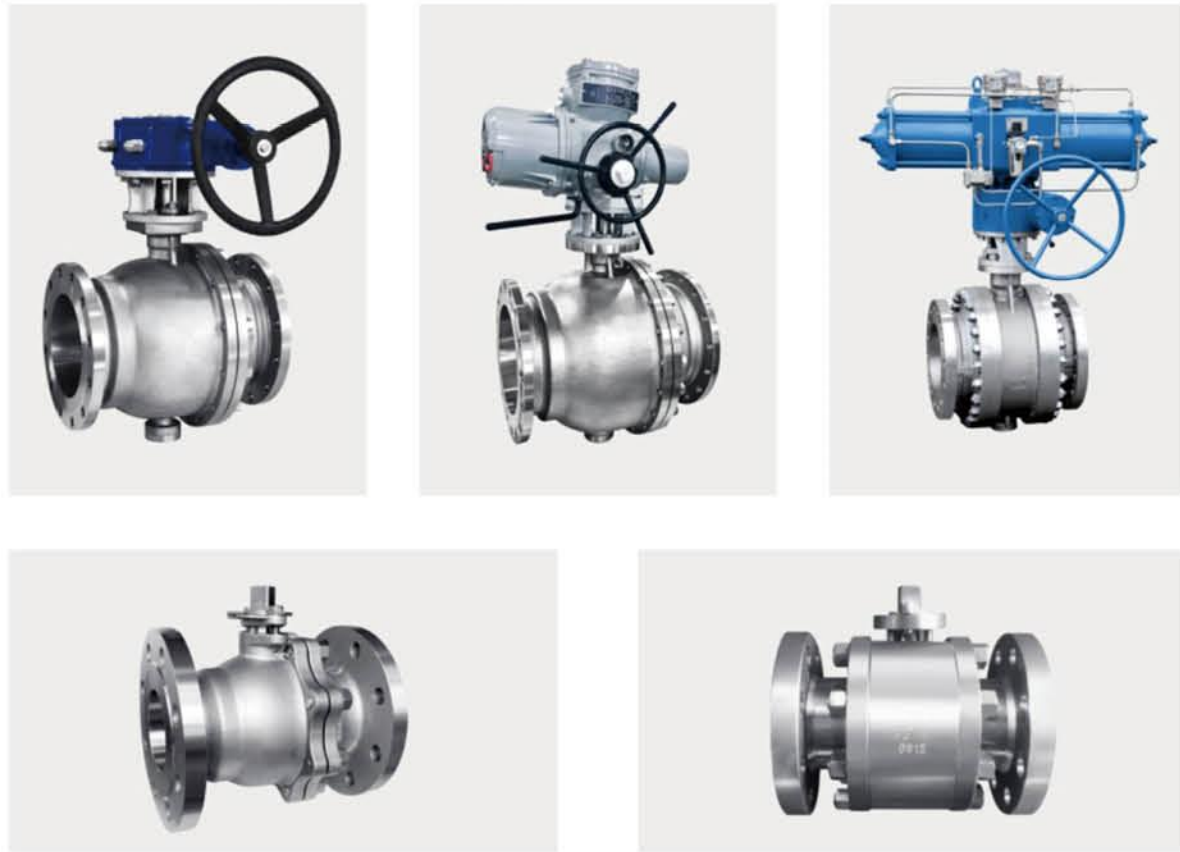
DN	L	国标法兰尺寸 PN16						美标法兰尺寸 150 LB						日标法兰尺寸 10K						ISO5211
		D	D1	D2	C	f	n-φb	D	D1	D2	C	f	n-φb	D	D1	D2	C	f	n-φb	
100	229	220	180	158	20	2	8-φ18	230	190.5	157.2	24.3	2	8-φ18	210	175	151	18	2	8-φ19	F10,17×17
125	254	250	210	188	22	2	8-φ18	255	215.9	185.7	24.3	2	8-φ22	250	210	182	20	2	8-φ23	F10,22×22
150	267	285	240	212	22	2	8-φ22	280	241.3	215.9	25.9	2	8-φ22	280	240	212	22	2	8-φ23	F12,27×27
200	292	340	295	268	24	2	12-φ22	345	298.5	269.9	29	2	8-φ22	330	290	262	22	2	12-φ23	F12,27×27
250	330	405	355	320	26	2	12-φ26	405	362	323.8	30.6	2	12-φ26	400	355	324	24	2	12-φ25	F14,36×36
300	356	460	410	378	28	2	12-φ26	485	431.8	381	32.2	2	12-φ26	445	400	368	24	2	16-φ25	F14,36×36
350	450	520	470	428	30	2	16-φ26	535	476.3	412.8	35.4	2	12-φ30	490	445	413	26	2	16φ25	F16,46×46
400	530	580	525	490	32	2	16-φ30	595	539.8	469.9	37	2	16-φ30	560	510	475	28	2	16-φ27	F16,46×46
450	580	640	585	550	40	2	20-φ30	635	577.9	533.4	40.1	2	16-φ33	620	565	530	30	2	20-φ27	F25,55×55
500	660	715	650	610	44	2	20-φ33	700	635	584.2	43.3	2	20-φ33	675	620	585	30	2	20-φ27	F30



金属硬密封球阀

METAL SEAT BALL VALVE

— 金属密封法兰球阀
METAL SEATED FLANGED BALL VALVES



— 具备如下特点

- 阀体可以选择锻钢或铸钢，结构可选浮动或固定式。
- 高精度的球体加工与高精度的阀座配合，可以达到ANSI B16.104 VI 泄露标准。
- 固定式结构实现了金属球阀双向密封。
- 可靠的操作，较小的开启力矩；阀座自身带有一体的膜片式弹簧，由于弹簧自身预紧力作用，开或关位时均可保证阀门比较小的力矩，从而保证了操作的可靠性。
- 火灾安全：由于采用了全金属结构，保证了阀门本身的火灾安全。
- 最高温度应用可以到 550°C (1022° F)。采用航天高速喷焊的球体与阀座，其硬度可以达到 HRC70-72，其应用的温度范围高达 550°C。
- 连接方式：对焊或插焊、DIN 法兰或；ANSI 法兰。

— FEATURES

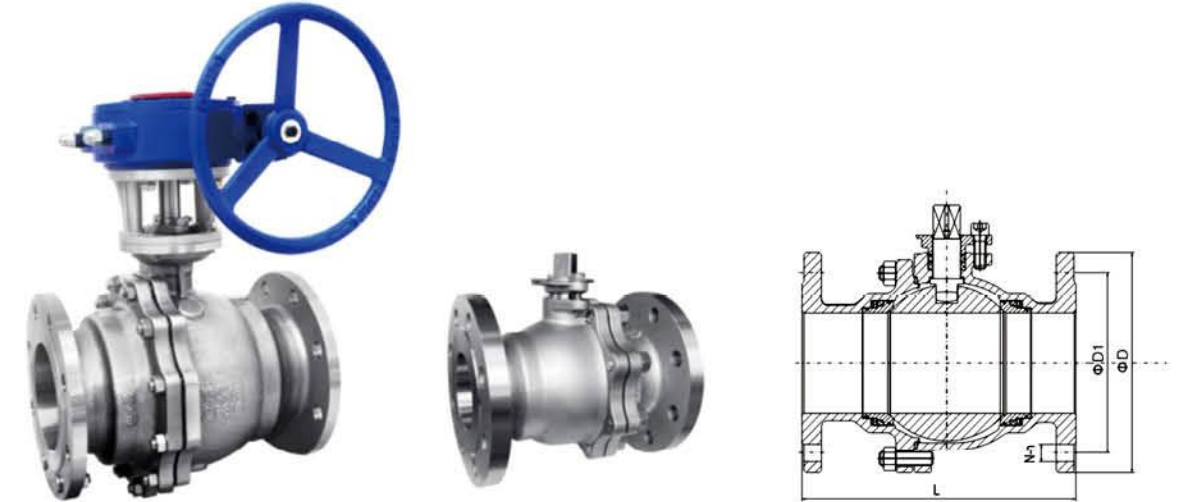
- The series valves use forge steel or cast steel as their body material. The structure can be floating type or trunnion type ball supports.
- High precision machining results in superior ball and seat interfacing for tight shut off conforming to leakage standard of ANSI B16.104 class VI.
- Flow direction for floating mounted type is uni-directional. Trunnion mounted type is fully bi-directional with double-block-and-bleed capability.
- Dependable operations with low operating torque: Diaphragm spring loaded seat maintain close contact with the ball assuring tight sealing even at low pressure. This results in low opening and closing torques.
- Fire safe: The combination of metal seats and graphite seals insure fire-safe capabilities.
- The highest service applications temperature are up to 550°C (1022° F). The ball and seat hardened by spacetight high-speed overlay. And hardness meets HRC 70-72.
- End connections: DIN or ANSI flange, butt weld or socket weld.



金属硬密封(浮动)球阀

METAL SEAT (FLOATING) BALL VALVE

3
Q641Y-(16-64、150LB-600LB、10K)P、R、C
9



— 材质：不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

— 国际标准 +.....

— 浮动球阀尺寸

FLOATING TYPE DIMENSIONS

Valve Size	GB PN	L	φD	φD1	N-h	GB PN	L	φD	φD1	N-h	GB PN	L	φD	φD1	N-h	GB PN	L	φD	φD1	N-h
15 (1/2)	16	130	95	65	4-14	25	130	95	65	4-14	40	130	95	65	4-14	64	165	105	75	4-14
20 (3/4)		140	105	75	4-14		140	105	75	4-14		140	105	75	4-14		190	130	90	4-18
25 (1)		140	115	85	4-14		140	115	85	4-14		150	115	85	4-14		216	140	100	4-18
32 (1 1/4)		165	140	100	4-18		165	140	100	4-18		180	140	100	4-18		229	155	110	4-22
40 (1 1/2)		165	150	110	4-18		165	150	110	4-18		200	150	110	4-18		241	170	125	4-22
50 (2)		203	165	125	4-18		203	165	125	4-18		220	165	125	4-18		292	180	135	4-22
65 (2 1/2)		222	185	145	8-18		222	185	145	8-18		250	185	145	8-18		330	205	160	8-22
80 (3)		241	200	160	8-18		241	200	160	8-18		280	200	160	8-18		356	215	170	8-22
100 (4)		280	220	180	8-18		280	235	190	8-22		320	235	190	8-22		432	250	200	8-26
125 (5)		320	250	210	8-18		320	270	220	8-26		400	270	220	8-26		508	295	240	8-30
150 (6)	360	285	240	8-22	360	300	250	8-26	400	300	250	8-26	559	345	280	8-33				
200 (8)	457	340	295	12-22	457	360	310	12-26	457	375	320	12-30	660	400	345	12-36				

Valve Size	ANSI Class	L	φD	φD1	N-h	ANSI Class	L	φD	φD1	N-h	ANSI Class	L	φD	φD1	N-h	JIS K	L	φD	φD1	N-h
15(1/2)	150	108	90	60.3	4-16	300	140	95	66.7	4-16	600	165	95	66.7	4-16	10k	108	95	70	4-15
20(3/4)		117	100	69.9	4-16		152	115	82.6	4-19		190	115	82.6	4-19		117	100	75	4-15
25(1)		127	110	79.4	4-16		165	125	88.9	4-19		216	125	88.9	4-19		127	125	90	4-19
32(1 1/4)		140	115	88.9	4-16		178	135	98.4	4-19		229	135	98.4	4-19		140	135	100	4-19
40(1 1/2)		165	125	98.4	4-16		190	155	114.3	4-22.5		241	155	114.3	4-22.5		165	140	105	4-19
50(2)		178	150	120.7	4-19		216	165	127	8-19		292	165	127	8-19		178	155	120	4-19
65(2 1/2)		190	180	139.7	4-19		241	190	149.2	8-22.5		330	190	149.2	8-22.5		190	175	140	4-19
80(3)		203	190	152.4	4-19		282	210	168.3	8-22.5		356	210	168.3	8-22.5		203	185	150	8-19
100(4)		229	230	190.5	8-19		305	255	200	8-22.5		432	275	215.9	8-25.5		229	210	175	8-19
125(5)		356	255	215.9	8-22.5		381	280	235	8-22.5		508	330	266.7	8-30		356	250	210	8-23
150(6)	394	280	241.3	8-22.5	403	320	269.9	12-22.5	559	355	292.1	12-30	394	280	240	8-23				
200(8)	457	345	298.5	8-22.5	502	380	330.2	12-25.5	660	420	349.2	12-33	457	330	290	12-23				



金属硬密封（固定）球阀

METAL SEAT (TRUNNION) BALL VALVE

3
Q647Y-(16-40、150LB-600LB、10K-20K)P、R、C
9



- 材质：不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....

国标 (GB)

DN	L	D	D1	D2	b	f	n-φd	D	D1	D2	b	f	n-φd	L	D	D1	D2	b	f	n-φd
100	305	220	180	158	20	2	8-18	235	190	158	24	2	8-22	305	235	190	162	24	2	8-22
125	356	250	210	188	22	2	8-18	270	220	188	26	2	8-26	381	270	220	188	26	2	8-26
150	394	285	240	212	22	2	8-22	300	250	218	28	2	8-26	403	300	250	218	28	2	8-26
200	457	340	295	268	24	2	12-22	360	310	278	30	2	12-26	502	375	320	285	34	2	12-30
250	533	405	355	320	26	2	12-26	425	370	335	32	2	12-30	568	450	385	345	38	2	12-33
300	610	460	410	378	28	2	12-26	485	430	395	34	2	16-30	648	515	450	410	42	2	16-33
350	686	520	470	428	30	2	16-26	555	490	450	38	2	16-33	762	580	510	465	46	2	16-36
400	762	580	525	490	32	2	16-30	620	550	505	40	2	16-36	838	660	585	535	50	2	16-39
450	864	640	585	550	40	2	20-30	670	600	555	46	2	20-36	914	685	610	560	57	2	20-39

美标 (ANSI)

公称直径 in DN	L	D	D1	D2	b	f	n-φd	D	D1	D2	b	f	n-φd	L	D	D1	D2	b	f	n-φd
4" 100	305	230	190.5	157.2	24	2	8-19	255	200	157.2	32	2	8-22	432	275	215.9	157.2	45.1	7	8-26
5" 125	356	255	215.9	185.7	24	2	8-22	282	235	185.7	35	2	8-22	508	330	266.7	185.7	51.5	7	8-30
6" 150	394	280	241.3	215.9	26	2	8-22	320	269.9	215.9	37	2	12-22	559	355	292.1	215.9	54.7	7	12-30
8" 200	457	345	298.5	269.9	29	2	8-22	380	330.2	269.9	42	2	12-25	660	420	349.2	269.9	62.6	7	12-33
10" 250	533	405	362	323.8	31	2	12-25	445	387.4	323.8	48	2	16-29	787	510	431.8	323.8	70.5	7	16-36
12" 300	610	485	431.8	381	32	2	12-25	520	450.8	381	51.5	2	16-32	838	560	489	381	73.7	7	20-36
14" 350	686	535	476.3	412.8	35.5	2	12-29	585	514.4	412.8	54.5	2	20-32	889	605	527	412.8	76.9	7	20-39
16" 400	762	595	539.8	469.9	37	2	16-29	650	571.5	469.9	57.5	2	20-35	991	685	603.2	469.9	83.2	7	20-42
18" 450	864	635	577.9	533.4	40	2	16-30	710	628.6	533.4	61	2	24-35	1092	745	654	533.4	89.6	7	20-45

日标 (JIS)

DN	L	D	D1	D2	b	f	n-φd	D	D1	D2	b	f	n-φd
100A	305	210	175	151	18	2	18-19	225	185	160	24	2	8-23
125A	356	250	210	182	20	2	8-23	270	225	195	26	2	8-25
150A	394	280	240	212	22	2	8-23	305	260	230	28	2	12-25
200A	457	330	290	262	22	2	12-23	350	305	275	30	2	12-25
250A	533	400	355	324	24	2	12-25	430	380	345	34	2	12-27
300A	610	445	400	368	24	3	16-25	480	430	395	36	2	16-27
350A	686	490	445	413	26	3	16-25	540	480	440	40	2	16-33
400A	762	560	510	475	28	3	16-27	605	540	495	46	2	16-33
450A	864	620	565	530	30	3	20-27	675	605	560	48	2	20-33



金属硬密封（锻钢）球阀

METAL SEAT (FORGED) BALL VALVE

Q47Y-(PN16-160-150LB-2500LB)P、R、C



- 材质：不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....

国标 (GB): PN40

DN	L	D	D1	D2	b	f	n-φd
100	305	235	190	162	24	2	8-18
125	381	270	220	188	26	2	8-26
150	403	300	250	218	28	2	8-26
200	502	375	320	285	34	2	12-30
250	568	450	385	345	38	2	12-33
300	648	515	450	410	42	2	16-33
350	762	580	510	465	46	2	16-36
400	838	660	585	535	50	2	16-39

国标 (GB): PN100

DN	L	D	D1	D2	b	f	n-φd
100	432	265	210	162	40	2	8-30
125	508	315	250	188	40	2	8-33
150	559	355	290	218	44	2	12-33
200	660	430	360	285	52	2	12-36
250	787	505	430	345	60	2	12-39
300	838	585	500	410	68	2	16-42
350	889	655	560	465	74	2	16-48
400	991	715	620	535	78	2	16-48

美标 (ANSI): 600LB

公称直径 in DN	L	D	D1	D2	b	f	n-φd
4" 100	432	275	215.9	157.2	45.1	7	8-25
5" 125	508	330	266.7	185.7	51.5	7	8-30
6" 150	559	355	292.1	215.9	54.7	7	12-29
8" 200	660	420	349.2	269.9	62.6	7	12-32
10" 250	787	510	431.8	323.8	70.5	7	16-35
12" 300	838	560	489	381.0	73.7	7	20-35
14" 350	889	605	527	412.8	76.9	7	20-38
16" 400	991	685	603.2	469.9	83.2	7	20-42

国标 (GB): PN63

DN	L	D	D1	D2	b	f	n-φd
100	406	250	200	162	30	2	8-26
125	432	295	240	188	34	2	8-30
150	495	345	280	218	36	2	8-33
200	597	415	345	285	42	2	12-36
250	673	47	400	345	46	2	12-36
300	762	530	460	410	52	2	16-36
350	826	600	525	465	56	2	16-39
400	902	670	585	535	60	2	16-42

美标 (ANSI): 300LB

DN	L	D	D1	D2	b	f	n-φd
100	305	255	200	157.2	32.2	2	8-22
125	381	280	235	185.7	35.4	2	8-22
150	403	320	269.9	215.9	37	2	12-22
200	502	380	330.2	269.9	41.7	2	12-26
250	568	445	387.4	323.8	48.1	2	16-30
300	648	520	450.8	381	51.3	2	16-33
350	762	585	514.4	412.8	54.4	2	20-33
400	838	650	571.5	469.9	57.6	2	20-36

美标 (ANSI): 900LB

公称直径 in DN	L	D	D1	D2	b	f	n-φd
4" 100	432	290	235	157.2	51.5	7	8-32
5" 125	508	350	279.4	185.7	57.8	7	8-36
6" 150	559	380	317.5	215.9	62.6	7	12-32
8" 200	660	470	393.7	269.9	70.5	7	12-38
10" 250	787	545	469.9	323.8	76.9	7	16-38
12" 300	838	610	533.4	381.0	86.4	7	20-38
14" 350	889	640	558.8	412.8	92.8	7	30-42
16" 400	991	705	616	469.9	95.9	7	20-45



撑开式双密封阀

EXPANDING DOUBLE SEAL VALVE

CQ47^F-(16, 150LB, 10K)P, R, C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....

- 设计标准

- 设计标准: ASME B16.34, JB/T 10673
- 结构长度: ASME B16.10, GB/T 12221
- 连接标准: ASME 816.5, HG/T 20592, JB/T 79
- 检验标准: API 598, GB/T 13927

- DESIGN STANDARDS

- Design standard: ASME B16.34, JB/T 10673
- Face to face length: ASME B16.10, GB/T 12221
- Connection standard: ASME B16.5, HG/T 20592, JB/T 79
- Test and inspection standard: API 598, GB/T 13927

- 性能规范

- 公称压力: PN1.6, 2.5, 4.0, 6.4
- 强度试验压力: PT2.4, 3.8, 6.0, 9.6Mpa
- 低压气密封试验压力: 0.6Mpa
- 适用温度: -29℃ ~425℃
- 适用介质: 水、油、气等

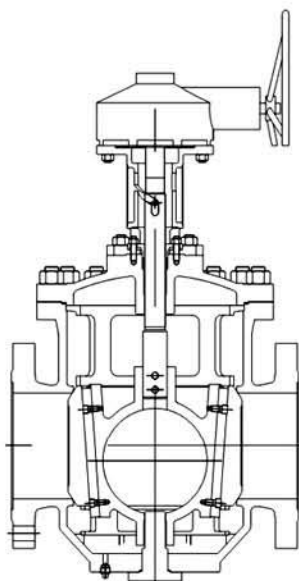
- SPECIFICATIONS

- Nominal pressure: PN1.6, 2.5, 4.0, 6.4
- Strength testing pressure: PT2.4, 3.8, 6.0, 9.6Mpa
- Seat testing pressure (low pressure): 0.6Mpa
- Applicable temperature: -29℃ ~425℃
- Applicable media: Water, Oil, Gas, etc,

- 主要零件材料

MAIN PARTS AND MATERIALS

材料名称 Material Name	碳钢 Carbon steel	不锈钢 Stainless steel	
阀体 Body	WCB	CF8	CF8M
阀盖 Bonnet	WCB	CF8	CF8M
底盖 Bottom Cover	WCB	CF8	CF8M
密封阀瓣 Sealing Disc	WCB+ 硬质合金 Carbide PTFE/RPTFE	CF8+ 硬质合金 Carbide PTFE/RPTFE	CF8M+ 硬质合金 Carbide PTFE/RPTFE
密封导轨 Sealing Guide	WCB	CF8	CF8M
楔形体 Wedge Body	WCB	CF8	CF8M
金属缠绕垫 Metal Spiral Gasket	304+ 柔性石墨 304+Flexible graphite	304+ 柔性石墨 304+Flexible graphite	316+ 柔性石墨 316+Flexible graphite
轴套 Bushing	铜合金 Copper Alloy		
阀杆 Stem	2Cr13	304	316
支架 Yoke	WCB	CF8	CF8M



保温球阀 / 船用阀

METAL SEAT (FORGED) BALL VALVE

BQ41F-(16, 150LB, 10K)P, R, C



保温球阀
Heating Ball Valve



船用阀
Vessel Valve



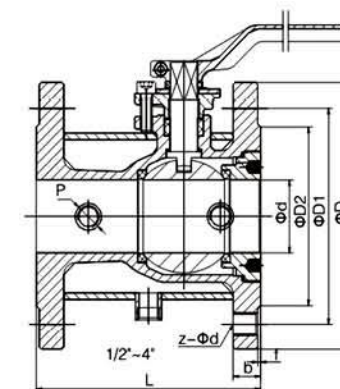
- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....

- 性能规范

- 公称压力: PN1.6, 2.5, 4.0, 6.4MPa
- 强度试验压力: PT2.4, 3.8, 6.0, 9.6MPa
- 低压气密封试验压力: 0.6MPa
- 适用介质: 水、油品、气、硝酸类、醋酸类
- 适用温度: -29℃ ~150℃

- SPECIFICATIONS

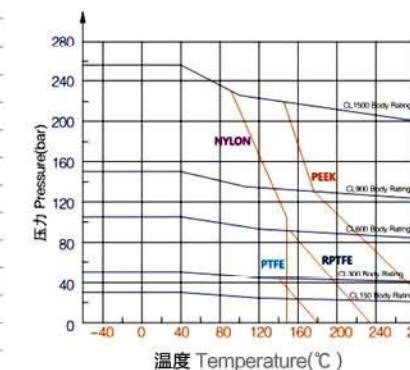
- Nominal pressure: PN1.6, 2.5, 4.0, 6.4Mpa
- Strength testing pressure: PT2.4, 3.8, 6.0, 9.6Mpa
- Seat testing pressure low pressure : 0.6Mpa
- Applicable media: Water, Oil, Gas, Nitric acid, Acetic acid
- Applicable temperature: -29℃ ~150℃



- 保温球阀主要外形尺寸

HEATING BALL VALVE MAIN OUTER SIZE

公称 口径	L	P	公称 压力	D	D1	D2	b	f	Z-φd	公称 压力	D	D1	D2	b	f	N-h
15	90	Rp3/8	PN16	105	75	55	14	2	4-M12	150LB	100	69.9	42.9	17.9	2	4-1/2
20	105	Rp3/8		115	85	65	14	2	4-M12		110	79.4	50.8	17.9	2	4-1/2
25	110	Rp3/8		135	100	78	16	2	4-M16		115	88.9	63.5	19.5	2	4-1/2
32	125	Rp1/2		145	110	85	16	3	4-M16		125	98.4	73	22.7	2	4-1/2
40	136	Rp1/2		160	125	100	16	3	4-M16		150	120.7	92.1	24.3	2	4-3/4
50	155	Rp1/2		180	145	120	18	3	4-M16		180	139.7	104.8	24.3	2	4-3/4
65	170	Rp1/2		195	160	135	20	3	4-M16		190	157.4	127	24.3	2	4-3/4
80	180	Rp1/2		215	180	155	20	3	4-M16		230	190.5	157.2	24.3	2	4-3/4
100	190	Rp1/2		245	210	185	22	3	4-M16		255	215.9	185.7	25.9	2	88-7/8
125	356	Rp1/2		285	240	210	22	2	8-φ22		280	241.3	215.9	29	2	8-φ22
150	394	Rp1/2		340	295	265	24	2	12-φ22		345	298.5	269.9	29	2	12-φ22
200	457	Rp1/2		405	355	320	26	2	12-φ26		405	362	323.8	30.6	2	12-φ25





罐底阀 (手动、气动、电动)

BAITING VALVE (LEVER OPERATE, PNEUMATIC, ELECTRIC)

Q(6)₈⁴1F~(16、150LB、10K)P、R、C



3PC 快装罐底阀
3pc Clamped-package
Baiting Valve



斜颈快装罐底阀
Inclined Stem Clamped-package
Baiting Valve

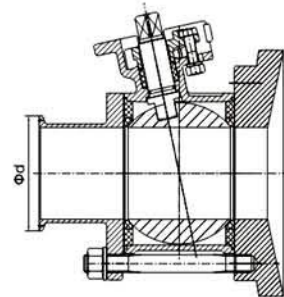


气动斜颈法兰罐底阀
Pneumatic Inclined Stem
Flange Baiting Valve

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....

- 性能规范
- 公称压力: PN1.6, 2.5, 4.0, 6.4MPa
- 强度试验压力: PT2.4, 3.8, 6.0, 9.6MPa
- 低压气密封试验压力: 0.6MPa
- 适用介质: 水、油品、气、硝酸类、醋酸类
- 适用温度: -29℃ ~150℃

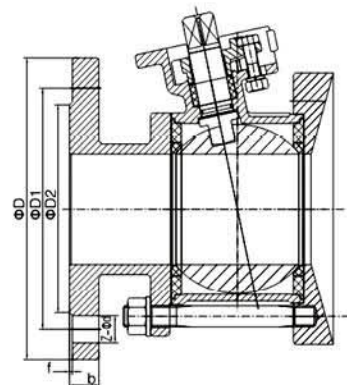
- SPECIFICATIONS
- Nominal pressure: PN1.6, 2.5, 4.0, 6.4MPa
- Strength testing pressure: PT2.4, 3.8, 6.0, 9.6MPa
- Seat testing pressure low pressure : 0.6MPa
- Applicable media: Water, Oil, Gas, Nitric acid, Acetic acid
- Applicable temperature: -29℃ ~150℃



- 保温球阀主要外形尺寸

HEATING BALL VALVE MAIN OUTER SIZE

公称 口径	法兰连接 Flange End						法兰连接 Flange End						快装连接 Screw End		
	公称 压力	D	D1	D2	b	f	Z-φd	公称 压力	D	D1	D2	b	f	Z-φd	卡盘 φ
15	PN16	95	65	45	14	2	4-φ14	150LB	90	60.3	34.9	10	2	4-φ16	25.4
20		105	75	55	14	2	4-φ14		100	69.9	42.9	10.9	2	4-φ16	25.4
25		115	85	65	14	2	4-φ14		110	79.4	50.8	11.6	2	4-φ16	50.5
32		135	100	78	16	3	4-φ18		115	88.9	63.5	13.2	2	4-φ16	50.5
40		145	110	85	16	3	4-φ18		125	98.4	73	14.7	2	4-φ16	50.5
50		160	125	100	16	3	4-φ18		150	120.7	92.1	16.3	2	4-φ19	64
65		180	145	120	18	3	4-φ18		180	139.7	104.8	17.9	2	4-φ19	77.5
80		195	160	135	20	3	8-φ18		190	152.4	127	19.5	2	4-φ19	91
100		215	180	155	20	3	8-φ18		230	190.5	157.2	24.3	2	8-φ19	119
125		245	210	185	22	2	8-φ18		255	215.9	195.7	24.3	2	8-φ22	145
150		280	240	210	24	2	8-φ23		280	241.3	215.9	25.9	2	12-φ33	183
200		335	295	265	26	2	12-φ23		345	298.5	269.9	29	2	12-φ25	218



衬氟阀门系列

FLUORINE LINED BALL VALVE



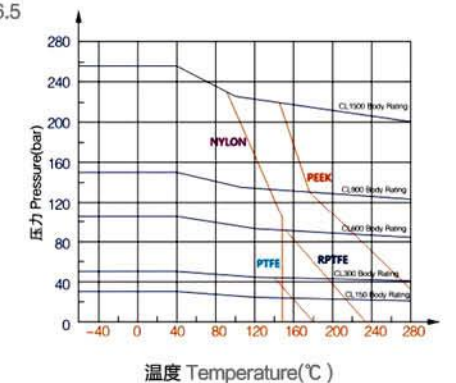
- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....

- 设计标准
- 技术规范: 国标
- 设刮啮员佳: GB/T 12237、ASMEB16.34
- 结构长: 度: GB/T 12231、ASMEB16.34
- 连接法兰: GB/T 9113 JB 79/HG/ASMEB16.5
- 试验与检验: GB/T 13927 GB/T 26480 AP1598

- DESIGN STANDARDS
- Technical specification: GB
- Design Standard: GB/T 12237, ASMEB16.34
- Face to Face: GB/T 12231, ASMEB16.34
- Flanged Ends: GB/T 9113 JB 79/HG/ASMEB16.5
- Test and Inspection: GB/T 13927 GB/T 26480 AP1598

- 性能规范
- 公称压力: 1.0, 1.6, 2.5MPa
- 强度试验压力: 1.5, 2.4, 3.8MPa
- 密封试验: 1.1, 1.8, 2.8MPa
- 气密封试验: 0.6MPa
- 阀门主体材料: 铸铁, 碳钢, 不锈钢
- 适用介质: 各种有机溶剂, 强酸强碱等腐蚀性介质
- 适用温度: -29℃ ~150℃

- SPECIFICATIONS
- Nominal pressure: 1.0, 1.6, 2.5MPa
- Strength testing pressure: 1.5, 2.4, 3.8MPa
- Seal Test: 1.1, 1.8, 2.8MPa
- Gas seat test: 0.6MPa
- Valve body material: Castiron, Carbonsteel, Stainless stff
- Applicable medium: Acid alkali and Other Corrosive Media
- Applicable temperature: -29℃ ~150℃





气动法兰球阀

PNEUMATIC FLANGE BALL VALVE

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....



气动法兰球阀

PNEUMATIC FLANGE BALL VALVE

Q641F-(16-64, 150LB~300LB, 10K~20K)P, R, C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....

- 性能规范

- 公称压力: PN1.6~6.4, Class150/300, 10~20k
- 强度试验压力: PT1.5PN
- 低压气密封试验压力: 0.6MPa
- 适用介质:
Q641F-(16-64)C 水、油品、气
Q641F-(16-64)P 硝酸类
Q641F-(16-64)R 醋酸类
- 适用温度: -29℃ ~150℃

- SPECIFICATIONS

- Nominal pressure: PN1.6~6.4, Class150/300, 10k/20k
- Strength testing pressure: PT1.5PN
- Seat testing pressure (low pressure): 0.6MPa
- Applicable media:
Q641F-(16-64)C Water, Oil, Gas
Q641F-(16-64)P Nitric acid
Q641F-(16-64)R Acetic acid
- Applicable temperature: -290C ~150℃

- 主要零件材料

MAIN PARTS AND MATERIALS

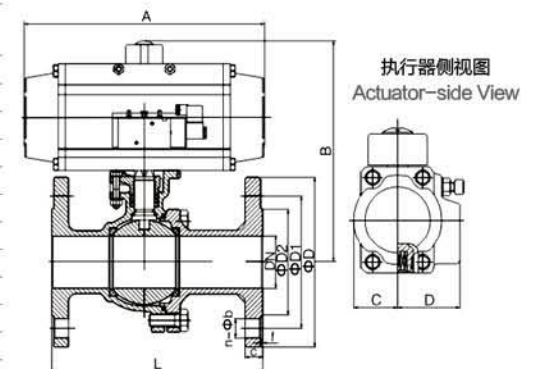
材料名称 Material Name	Q6 ¹¹ ₄₁ F-(16-64)C	Q6 ¹¹ ₄₁ F-(16-64)C	Q6 ¹¹ ₄₁ F-(16-64)C
阀体 Body	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
阀盖 Bonnet	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
球体 Ball	1Cr18Ni9Ti 304	1Cr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
阀杆 Stem	1Cr18Ni9Ti 304	1Cr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
密封圈 Sealing	聚四氟乙烯 Polytetrafluorethylene(PTFE)		
填料 Gland Packing	聚四氟乙烯 Polytetrafluorethylene(PTFE)		

- 主要外形尺寸

MAIN OUTER SIZE

PN16

DN	L	d	D	D1	D2	C	f	n-φb	A		B		C		D		G	
									单作用	双作用	单作用	双作用	单作用	双作用	单作用	双作用	单作用	双作用
15	130	15	95	65	45	14	2	4-φ14	168	155	153	132	36.5	29	46.5	41	1/4"	1/4"
20	130	20	105	75	55	14	2	4-φ14	168	155	156	138.5	36.5	29	46.5	41	1/4"	1/4"
25	140	25	115	85	65	14	2	4-φ14	168	156	164	148	36.5	29	46.5	41	1/4"	1/4"
32	165	32	135	100	78	16	2	4-φ18	219	168	193	173	43	36.5	52.5	46.5	1/4"	1/4"
40	165	38	145	110	85	16	2	4-φ18	249	219	214	202.5	49	43	56.5	52.5	1/4"	1/4"
50	203	50	160	125	100	16	2	4-φ18	249	219	221.5	209.5	49	43	56.5	52.5	1/4"	1/4"
65	222	64	180	145	120	18	2	4-φ18	274	249	250	335	55.5	49	66.5	56.5	1/4"	1/4"
80	241	80	195	160	135	20	2	8-φ18	355	274	307	266.5	69.5	55.5	80.5	66.5	1/4"	1/4"
100	280	100	215	180	155	20	2	8-φ18	417	355	346	325	78.5	69.5	91	80.5	1/4"	1/4"
125	320	125	245	210	185	22	2	8-φ18	452	417	462	442	88	97	78.5	91	1/4"	1/4"
150	360	150	285	240	210	22	2	8-φ22	540	452	517	492	105	110	88	97	1/4"	1/4"
200	457	200	340	295	265	24	2	12-φ22	585	540	588.5	566	116	119.5	105	110	1/4"	1/4"
250	533	250	405	355	320	26	2	12-φ26	685	565	666	636.5	130.5	130.5	115	119.5	3/8"	1/4"
300	610	300	450	410	375	28	2	12-φ26	743	665	826.5	785	147	147	130.5	130.5	3/8"	1/4"



电动法兰球阀

ELECTRIC FLANGE BALL VALVE

Q941F-(16-64, 150LB~300LB, 10K~20K)P, R, C



- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 性能规范

- 公称压力: PN1.6-6.4, Class150/300, 10k/20k
- 强度试验压力: PT1.5PN
- 低压气密封试验压力: 0.6MPa
- 适用介质:
Q9¹¹₄₁F-(16-64)C 水、油品、气
Q9¹¹₄₁F-(16-64)P 硝酸类
Q9¹¹₄₁F-(16-64)R 醋酸类
- 适用温度: -29℃ ~150℃

- SPECIFICATIONS

- Nominal pressure: PN1.6-6.4, Class150/300, 10k/20k
- Strength testing pressure: PT1.5PN
- Seat testing pressure(low pressure): 0.6MPa
- Applicable media:
Q9¹¹₄₁F-(16-64)C Water, Oil, Gas
Q9¹¹₄₁F-(16-64)P Nitric acid
Q9¹¹₄₁F-(16-64)R Acetic acid
- Applicable temperature: -29℃ ~150℃

- 主要零件材料

MAIN PARTS AND MATERIALS

材料名称 Material Name	Q9 ¹¹ ₄₁ F-(16-64)C	Q9 ¹¹ ₄₁ F-(16-64)C	Q9 ¹¹ ₄₁ F-(16-64)C
阀体 Body	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
阀盖 Bonnet	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
球体 Ball	ICr18Ni9Ti 304	ICr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
阀杆 Stem	ICr18Ni9Ti 304	ICr18Ni9Ti 304	1Cr18Ni12Mo2Ti 316
密封圈 Sealing	聚四氟乙烯 Polytetrafluorethylene(PTFE)		
填料 Gland Packing	聚四氟乙烯 Polytetrafluorethylene(PTFE)		

法兰闸阀

FLANGED GATE VALVE

- 产品结构特征

闸阀是最常用的截断阀之一，主要用来接通或截断管路中的介质。它适用的压力、温度及口径范围均很大，尤其适用于中大口径的管道，广泛应用于介质为蒸汽、水、油品的给排水、燃气、电力、石油、化工、冶金等工业管道中介质的切断或调节。

- 其主要结构特点有

- 流体阻力小。
- 启闭较省力。
- 介质流动方向不受限制，安装方便。
- 产品结构合理、密封可靠、性能优良、造型美观。

- 主要零件材料

FORM OF MAJOR PARTS MATERIALS

零件名称 Part name	阀体、阀盖、闸板 Body,cover,gate	密封 Sealing	阀杆 Stem	填料 packing	螺栓 / 螺母 Bolt/nut
碳素钢 Carbon steel	WCB	13Cr、STL	Cr13系	柔性石墨 Flexible graphite	35CrMoA/45
奥氏体不锈钢 Austenitic stainless steel	CF8(304)、CF8M(316)、 CF3(304L)、CF3M(316L)	本体材料、STL Body material、STL	304、316、 304L、316L	柔性石墨、PTFE Flexible graphite,PTFE	304/304 316/316
合金钢 Alloy steel	WC6、WC9、 1Cr5Mo、15CrMo	STL	25Cr2Mo1V	柔性石墨 Flexible graphite	25Cr2Mo1V/ 35CrMoA
双相钢 Dual phase steel	F51、00Cr22Ni5Mo3N	本体材料、STL Body material、STL	00Cr22Ni5Mo3N	柔性石墨、PTFE Flexible graphite,PTFE	316/316
低温钢 Low temperature steel	LCB、LF2、16Mn	STL	1Cr17Ni2、304	柔性石墨 Flexible graphite	42CrMoA/ 20CrMoA
钛 Titanium	ZTA1、ZTA2、ZTA10、 Gr2、Gr3	本体材料、STL Body material、STL	TA1、TA2、TA10、 Gr2、Gr3、TC4	柔性石墨、PTFE Flexible graphite,PTFE	304/304 316/316
镍 Nickel	哈氏合金 Hastelloy	本体材料 Body material	哈氏合金 Hastelloy	柔性石墨、PTFE Flexible graphite,PTFE	304/304 316/316

- PRODUCTS DESIGN FEATURES

Gate valve is one of the most commonly used cut-off valves, it's mainly used to connect and disconnect media in pipe. The range of suitable pressure, temperature and caliber is very wide. It is widely used in water supply and drainage, gas, electric power, petroleum, chemical industry, metallurgy and other industrial pipeline which media is steam, water, oil to cut off or adjust the flow of media.

- MAIN STRUCTURAL FEATURES

- Fluid resistance is small.
- It is more labor-saving when opening and dosing.
- The flow direction is generally unrestricted, Easy to install.
- Rational structure, reliable sealing, excellent performance, pretty appearance.



国标、德标闸阀

GB, DIN GATE VALVE

Z₉⁵W₄₀Y-(16~160)P、R、C
H

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计制造标准

- 设计与制造标准: GB/T12234、DIN 3352
- 结构长度标准: GB/T12221、DIN3202
- 连接法兰标准: JB/T 79、DIN 2543
- 检验与试验标准: GB/T 26480、DIN 3230

- DESIGN & MANUFACTURE STANDARD

- Design and Manufacturing: GB/T 12234, DIN 3352
- Face-to-Face: GB/T 12221, DIN3202
- End flange: JB/T 79, DIN 2543
- Inspection and testing: GB/T 26480, DIN 3230

- 性能规范

- 公称压力: 1.6, 2.5, 4.0, 6.3Mpa
- 强度试验: 2.4, 3.8, 6.0, 9.5Mpa
- 密封试验: 1.8, 2.8, 4.4, 7.0Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品、硝酸类, 醋酸类
- 适用温度: -29℃ ~425℃

- SPECIFICATIONS

- Nominal pressure: 1.6, 2.5, 4.0, 6.3Mpa
- Strength test: 2.4, 3.8, 6.0, 9.5Mpa
- Seal test: 1.8, 2.8, 4.4, 7.0Mpa
- Gas seal test: 0.6Mpa
- Valve body material: WCB(C), CF8(P), CF3(PL), GF8M(R), CF3M(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29℃ ~425℃

- 主要尺寸及重量

MAIN SIZE AND WEIGHT

PN16

DN	L	D		D1	D2	f	b		z-φd	
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929	JB/T 79	HG/T 205929
15	130	95	95	65	45	2	14	16	4-φ14	4-φ14
20	150	105	105	75	55	2	14	18	4-φ14	4-φ14
25	160	115	115	85	65	2	14	18	4-φ14	4-φ14
32	180	135	140	100	78	2	16	18	4-φ18	4-φ18
40	200	145	150	110	85	3	16	18	4-φ18	4-φ18
50	250	160	165	125	100	3	16	18	4-φ18	4-φ18
65	270	180	185	145	120	3	18	18	4-φ18	8-φ18
80	280	195	200	160	135	3	20	20	8-φ18	8-φ18
100	300	215	220	180	155	3	20	20	8-φ18	8-φ18
125	325	245	250	210	185	3	22	22	8-φ18	8-φ18
150	350	280	285	240	210	3	24	22	8-φ23	8-φ22
200	400	335	340	295	265	3	26	24	12-φ23	12-φ22
250	450	405	405	355	320	3	30	26	12-φ25	12-φ26
300	500	460	460	410	375	4	30	28	12-φ25	12-φ26
350	550	520	520	470	435	4	34	30	16-φ25	16-φ26
400	600	580	580	525	485	4	36	32	16-φ30	16-φ30
450	650	640	640	585	545	4	40	40	20-φ30	20-φ30
500	700	705	715	650	608	4	44	44	20-φ34	20-φ33
600	800	840	840	770	718	4	48	54	20-φ41	20-φ36
700	900	910	910	840	788	5	50	42	24-φ41	24-φ36
800	1000	1020	1025	950	898	5	52	42	24-φ41	24-φ39
900	1100	1120	1125	1050	998	5	54	44	28-φ41	28-φ39
1000	1200	1255	1255	1170	1110	5	56	46	28-φ48	28-φ42



国标、德标闸阀

GB, DIN GATE VALVE

Z₉⁵W₄₀Y-(16~160)P、R、C
H

- 主要尺寸及重量

MAIN SIZE AND WEIGHT

PN25

DN	L	D		D1	D2	f	b		z-φd	
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929	JB/T 79	HG/T 205929
15	130	95	95	65	45	2	16	16	4-φ14	4-φ14
20	150	105	105	75	55	2	16	18	4-φ14	4-φ14
25	160	115	115	85	65	2	16	18	4-φ14	4-φ14
32	180	135	140	100	78	2	18	18	4-φ18	4-φ18
40	200	145	150	110	85	3	18	18	4-φ18	4-φ18
50	250	160	165	125	100	3	20	20	4-φ18	4-φ18
65	270	180	185	145	120	3	22	22	8-φ18	8-φ18
80	280	195	200	160	135	3	22	24	8-φ18	8-φ18
100	300	230	235	190	160	3	24	24	8-φ23	8-φ22
125	325	270	270	220	188	3	28	26	8-φ25	8-φ26
150	350	300	300	250	218	3	30	28	8-φ25	8-φ26
200	400	360	360	310	278	3	34	30	12-φ25	12-φ26
250	450	425	425	370	332	3	36	32	12-φ30	12-φ30
300	500	485	485	430	390	4	40	34	16-φ30	16-φ30
350	550	550	555	490	448	4	44	38	16-φ34	16-φ33
400	600	610	620	550	505	4	48	40	16-φ34	16-φ36
450	650	730	670	600	555	4	50	46	20-φ34	20-φ36
500	700	705	730	660	610	4	52	48	20-φ41	20-φ36
600	800	840	845	770	718	5	56	58	20-φ41	20-φ39
700	900	955	960	875	815	5	60	50	24-φ48	24-φ42
800	1000	1070	1085	990	930	5	64	54	24-φ48	24-φ48
900	1100	1180	1185	1090	1025	5	66	58	28-φ54	28-φ48
1000	1200	1205	1320	1210	1140	5	68	62	28-φ58	28-φ55

PN40

DN	L	D		D1	D2	f	b		z-φd	
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929	JB/T 79	HG/T 205929
15	170	95	95	65	45	2	16	16	4-φ14	4-φ14
20	190	105	105	75	55	2	16	18	4-φ14	4-φ14
25	210	115	115	85	65	2	16	18	4-φ14	4-φ14
32	230	135	140	100	78	2	18	18	4-φ18	4-φ18
40	240	145	150	110	85	3	18	18	4-φ18	4-φ18
50	250	160	165	125	100	3	20	20	4-φ18	4-φ18
65	280	180	185	145	120	3	22	22	8-φ18	8-φ18
80	310	195	200	160	135	3	22	24	8-φ18	8-φ18
100	350	230	235	190	160	3	24	24	8-φ23	8-φ22
125	400	270	270	220	188	3	28	26	8-φ25	8-φ26
150	450	300	300	250	218	3	30	28	12-φ30	12-φ30
200	550	375	375	320	282	3	38	34	12-φ34	12-φ33
250	650	445	450	385	345	3	42	38	16-φ34	16-φ33
300	750	510	515	450	408	4	46	42	16-φ34	16-φ36
350	850	570	580	510	465	4	52	46	16-φ41	16-φ39
400	950	655	660	585	535	4	58	50	20-φ41	20-φ39
450	1050	680	685	610	560	4	60	57	20-φ48	20-φ42
500	1150	755	755	670	612	4	62	57	20-φ54	20-φ48
600	1350	890	890	795	730	5	62	72	20-φ41	20-φ39



国标、德标闸阀

GB, DIN GATE VALVE

Z₉⁵W₄₀Y-(16-160)P、R、C
H

PN63

DN	L	D		D1	D2	f	b		z-φd	
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929	JB/T 79	HG/T 205929
15	170	105	105	75	55	2	18	20	4-φ14	4-φ14
20	190	125	130	90	68	2	20	22	4-φ18	4-φ18
25	210	135	140	100	78	2	22	24	4-φ18	4-φ18
32	230	150	155	110	82	2	24	26	4-φ23	4-φ22
40	240	165	170	125	95	3	24	28	4-φ23	4-φ22
50	250	175	180	135	105	3	26	26	4-φ23	4-φ22
65	280	200	205	160	130	3	28	26	8-φ23	8-φ22
80	310	210	215	170	140	3	30	28	8-φ23	8-φ22
100	350	250	250	200	168	3	32	30	8-φ25	8-φ26
125	400	295	295	240	202	3	36	34	8-φ30	8-φ30
150	450	340	345	280	240	3	38	36	8-φ34	8-φ33
200	550	405	415	345	300	3	44	42	12-φ34	12-φ36
250	650	470	470	400	352	3	48	46	12-φ41	12-φ36
300	750	530	530	460	412	4	54	52	16-φ41	16-φ36
350	850	595	600	525	475	4	60	56	16-φ41	16-φ39
400	950	670	670	585	525	4	66	60	16-φ48	16-φ42

PN100

DN	L	D		D1	D2	f	b		z-φd	
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929	JB/T 79	HG/T 205929
15	170	105	105	75	55	2	20	20	4-φ14	4-φ14
20	190	125	130	90	68	2	22	22	4-φ18	4-φ18
25	210	135	140	100	78	2	24	24	4-φ18	4-φ18
32	230	150	155	110	82	2	24	26	4-φ23	4-φ22
40	240	165	170	125	95	3	26	28	4-φ23	4-φ22
50	250	195	195	145	112	3	28	30	4-φ25	4-φ26
65	280	220	220	170	138	3	32	34	8-φ25	8-φ26
80	310	230	230	180	148	3	34	36	8-φ25	8-φ26
100	350	265	265	210	172	3	38	40	8-φ30	8-φ30
125	400	320	315	250	210	3	42	40	8-φ34	8-φ33
150	450	350	355	290	250	3	46	44	12-φ34	12-φ33
200	550	430	430	360	312	3	54	52	12-φ41	12-φ39
250	650	500	505	430	382	3	60	60	12-φ41	12-φ42
300	750	585	585	500	442	4	70	68	16-φ48	16-φ48
350	850	655	655	560	498	4	76	74	16-φ54	16-φ48
400	950	715	715	620	558	4	80	78	16-φ54	16-φ48

PN160

DN	L	D		D1		D2	f	b		z-φd	
		JB/T 79	HG/T 205929	JB/T 79	HG/T 205929			JB/T 79	HG/T 205929	JB/T 79	HG/T 205929
15	170	110	105	75	75	52	2	24	20	4-φ18	4-φ14
20	190	130	130	90	90	62	2	26	24	4-φ23	4-φ18
25	210	140	140	100	100	72	2	28	24	4-φ23	4-φ18
32	230	165	155	115	110	85	2	30	28	4-φ25	4-φ22
40	260	175	170	125	125	92	3	32	28	4-φ27	4-φ22
50	300	215	195	165	140	132	3	36	30	8-φ25	4-φ26
65	340	245	220	190	170	152	3	44	34	8-φ30	8-φ26
80	390	260	230	205	180	168	3	46	36	8-φ30	8-φ26
100	450	300	265	240	210	200	3	48	40	8-φ34	8-φ30
125	525	355	315	285	250	238	3	60	44	8-φ41	8-φ33
150	600	390	355	318	290	270	3	66	50	12-φ41	12-φ33
200	750	480	430	400	360	345	3	78	60	12-φ48	12-φ36
250	850	580	515	485	430	425	3	88	68	12-φ54	12-φ42
300	950	665	585	570	500	510	4	100	78	16-φ54	16-φ42



法兰闸阀 (暗杆)

FLANGE GATE VALVE(NON-RISING)

Z45 Y 10P、R、C
H

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计制造标准

- 设计与制造标准: GB/T12234
- 结构长度标准: GB/T12221
- 连接法兰标准: JB/T 79
- 检验与试验标准: GB/T 26480

- DESIGN & MANUFACTURE STANDARD

- Design and Manufacturing: GB/T 12234
- Face-to-Face: GB/T 12221
- End flange: JB/T 79
- Inspection and testing: GB/T 26480

- 性能规范

- 公称压力: 1.0Mpa
- 强度试验: 1.5Mpa
- 密封试验: 1.1Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品、硝酸类, 醋酸类
- 适用温度: -29℃ ~425℃

- SPECIFICATIONS

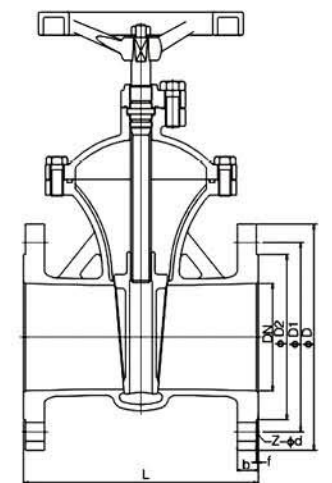
- Nominal pressure: 1.0Mpa
- Strength test: 1.5Mpa
- Seal test: 1.1Mpa
- Gas seal test: 0.6Mpa
- Valve body material: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29℃ ~425℃

- 主要尺寸及重量

MAIN SIZE AND WEIGHT

PN10

DN	L	D		D1	D2	f	b		z-φd		D0
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929	JB/T 79	HG/T 205929	
15	130	95	95	65	45	2	14	16	4-φ14	4-φ14	120
20	150	105	105	75	55	2	14	18	4-φ14	4-φ14	120
25	160	115	115	85	65	2	14	18	4-φ14	4-φ14	140
32	180	135	140	100	78	2	16	18	4-φ18	4-φ18	160
40	200	145	150	110	85	3	16	18	4-φ18	4-φ18	160
50	250	160	165	125	100	3	16	18	4-φ18	4-φ18	200
65	270	180	185	145	120	3	18	18	8-φ18	8-φ18	220
80	280	195	200	160	135	3	20	20	8-φ18	8-φ18	240
100	300	215	220	180	155	3	20	20	8-φ18	8-φ18	280
125	325	245	250	210	185	3	22	22	8-φ18	8-φ18	300
150	350	280	285	240	210	3	24	22	8-φ23	8-φ22	320
200	400	335	340	295	265	3	26	24	12-φ23	12-φ22	400
250	450	405	405	355	320	3	30	26	12-φ25	12-φ26	450
300	500	460	460	410	375	4	30	28	12-φ25	12-φ26	500





美标、日标闸阀

ANSI, JIS GATE VALVE

Z₉⁵_H40^WY-(150LB~2500LB)P、R、C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....

- 设计制造标准

- 设计与制造标准: API600、ASME B16.34、BS1414
- 结构长度标准: ASME B16.10
- 连接法兰标准: ASME B16.5、ASME B16.47、JIS 82220
- 检验与试验标准: ISO 5208、API 598、BS 6755

- DESIGN & MANUFACTURE STANDARD

- Design and Manufacturing: API600, ASME 816.34, BS 1414
- Face-to-Face: ASME B16.10
- End flange: ASME B16.5, ASME B16.47, JIS B2220
- Inspection and tesOng: ISO 5208, API 598, BS 6755

- 性能规范

- 公称压力: 150, 300LB, 10K, 20K
- 强度试验: PT3.0, 7.5, 2.4, 5.8Mpa
- 密封试验: 2, 2, 5.5, 1.5, 4.0Mpa
- 气密封试验: 0.6Mpa
- 阀门主斗本材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品、硝酸类, 醋酸类
- 适用温度: -29℃ ~425℃

- SPECIFICATIONS

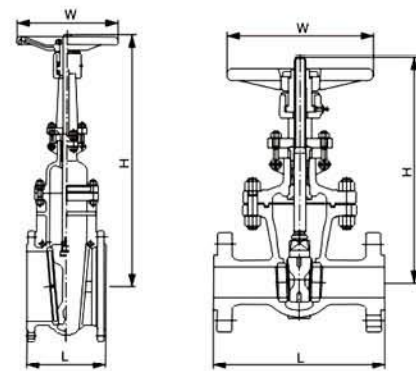
- Nominal pressure: 150, 300LB, 10K, 20K
- Strength test: PT3.0, 7.5, 2.4, 5.8Mpa
- Seal test: 2.2, 5.5, 1.5, 4.0Mpa
- Gas seal test: 0.6Mpa
- Valve body material: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: water, staam, oil products, nitric aad, acetic acid
- Suitable temperature: -29℃ ~425℃

- 主要尺寸及重量

MAIN SIZE AND WEIGHT

		Z41(0)W.H.Y														Class 150/10K/16K									
Size	inch	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	40		
	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	1000		
L	mm	108	117	127	140	165	178	191	203	229	254	267	292	330	356	381	406	432	457	508	610	660	812		
H	mm	169	193	230	246	283	361	396	435	522	570	610	750	935	1070	1224	1345	1487	1627	1931	2300	3700	4300		
W	mm	100	125	160	160	180	250	250	280	300	350	350	400	400	500	600	600	600	680	920					

		Z41(0)W.H.Y														Class 150/10K/16K									
Size	inch	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	28				
	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700				
L	mm	140	152	165	178	190	216	241	283	305	381	403	419	457	502	762	838	914	991	1143	1346				
H	mm	169	193	230	246	283	352	390	420	496	570	635	772	995	1090	1265	1385	1510	1630						
W	mm	100	125	160	160	180	250	250	250	300	350	400	450	500	600	650	750	750	920						



Class 150 结构图
Class 150 Assembly drawing

Class 300 结构图
Class 300 Assembly drawing



美标、日标闸阀

ANSI, JIS GATE VALVE

Z₉⁵_H40^WY-(150LB~2500LB)P、R、C

- 主要尺寸及重量

MAIN SIZE AND WEIGHT

		Z41(0)W.H.Y								Class 600							
Size	inch	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	28	
	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	
L	mm	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397	1549	
H	mm	464	548	579	688	752	934	1085	1293								
W	mm	250	280	300	350	400	450	500	550								

		Z41(0)W.H.Y						Class 900			
Size	inch	2	2 1/2	3	4	5	6	8	10	12	
	mm	50	65	80	100	125	150	200	250	300	
L	mm	371	422	384	460	562	613	740	841	968	
H	mm	529	665	688	715	856	996				
W	mm	300	350	400	450	500	550				

		Z41(0)W.H.Y						Class 900			
Size	inch	2	2 1/2	3	4	5	6	8	10	12	
	mm	50	65	80	100	125	150	200	250	300	
L	mm	371	422	473	549	676	711	841	1000	1146	
H	mm	529	665	688							
W	mm	350	400	450							

		Z41(0)W.H.Y						Class 900			
Size	inch	2	2 1/2	3	4	5	6	8	10	12	
	mm	50	65	80	100	125	150	200	250	300	
L	mm	454	514	584	683	807	927	1038	1292		
H	mm	676	728	872							
W	mm	350	400	450							



锻钢闸阀

FORGED STEEL GATE VALVE

W
Z41Y-(PN16-160
H 150-2500LB) P、R、C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....

- 设计制造标准

- 设计与制造标准: API 602, BS5352, ASME B16.34
- 连接法兰标准: ASME 816.5
- 检验与试验标准: API 598

- 性能规范

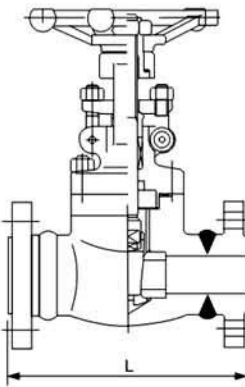
- 公称压力: 150~1500LB
- 强度试验: 1.5XPN Mpa
- 密封试验: 1.1XPN Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: A105(C), F304(P), F304(PL), F316(R), F316L(RL)
- 适用介质: 水、蒸汽、油品、硝酸类, 醋酸类
- 适用温度: -29℃ ~425℃

- DESIGN & MANUFACTURE STANDARD

- Design and Manufacturing: API 602, BS 5352, ASME B16.34
- End flange: ASME B16.5
- Inspection and testing: API 598

- SPECIFICATIONS

- Nominal pressure: 150~1500LB
- Strength test: 1.5XPN Mpa
- Seal test: 1.1XPN Mpa
- Gas seal test: 0.6Mpa
- Valve body material: A105(C), F304(P), F304(PL), F316(R), F316L(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29℃ ~425℃



- 主要尺寸及重量

MAIN SIZE AND WEIGHT

Size		压力 PN	L(mm)	压力 PN	L(mm)	压力 PN	L(mm)	压力 PN	L(mm)	压力 PN	L(mm)	压力 PN	L(mm)
1/2	15	PN16	130	PN25	130	PN40	130	PN63	170	PN100	170	PN160	170
3/4	20		150		150		190		190				
1	25		160		160		210		210				
11/4	32		180		180		230		230				
11/2	40	200	200	240	240								
2	50	250	250	250	250	300	300	250					

Size		压力磅级 Class	L(mm)	压力磅级 Class	L(mm)	压力磅级 Class	L(mm)	压力磅级 Class	L(mm)	压力磅级 Class	L(mm)	压力磅级 Class	L(mm)
1/2	15	150LB	108	300LB	140	600LB	165	900LB	216	1500LB	216	2500LB	264
3/4	20		117		152		190		229		229		
1	25		127		165		216		254		254		
11/4	32		140		178		229		279		279		
11/2	40	165	190	241	305	305	305	387					
2	50	178	216	292	371	371	371	454					



平板闸阀

SLAB GATE VALVE

243F-(16-63)P、R、C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....

- 设计制造标准

- 设计与制造标准: GB/T 19672, API 6D
- 结构长度标准: GB/T 19672, API 6D
- 连接法兰标准: JB/T 79, HG/T 20592, ASME B16.5, GB/T 12224, ASME 816.25
- 检验与试验标准: GB/T 19672, GB/T 26480, API 6D

- 性能规范

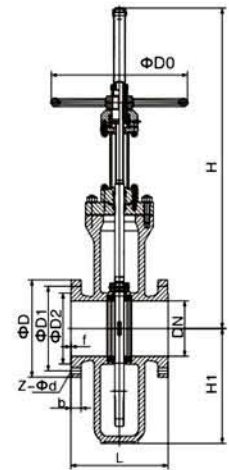
- 公称压力: 1.6, 2.5, 4.0, 6.3Mpa
- 强度试验: 2.4, 3.8, 6.0, 9.5Mpa
- 密封试验: 1.8, 2.8, 4.4, 7.0Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 石油、天然气、水、磨蚀性介质
- 适用温度: -29℃ ~120℃

- DESIGN & MANUFACTURE STANDARD

- Design and Manufacturing: GB/T 19672, API 6D
- Face-to-Face: GB/T 19672, API 6D
- End flange: JB/T79, HG/T20592, ASME B16.5, GB/T 12224, ASME B16.25
- Inspection and testing: GB/T19672, GB/T26480, AP16D

- SPECIFICATIONS

- Nominal pressure: 1.6, 2.5, 4.0, 6.3Mpa
- Strength test: 2.4, 3.8, 6.0, 9.5Mpa
- Seal test: 1.8, 2.8, 4.4, 7.0Mpa
- Gas seal test: 0.6Mpa
- Valve body material: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: Oil, natural gas, water, abrasive media
- Suitable temperature: -29℃ ~120℃



- 主要尺寸及重量

MAIN SIZE AND WEIGHT

DN	L	D	D1	D2	b-f	z-φd	D0	H	H1
50	178	160	125	100	16-3	4-φ18	250	584	80
65	191	180	145	120	18-3	4-φ18	250	634	95
80	203	195	160	135	20-3	8-φ18	300	688	100
100	229	215	180	155	20-3	8-φ18	300	863	114
125	254	245	210	185	22-3	8-φ18	350	940	132
150	267	285	240	218	22-2	8-φ22	350	1030	150
200	292	340	295	278	24-2	12-φ22	350	1277	168
250	330	405	355	335	26-2	12-φ26	400	1491	203
300	356	460	410	395	28-2	12-φ26	450	1701	237
350	381	420	470	450	30-2	16-φ26	500	1875	265
400	406	580	525	505	32-2	16-φ30	305	2180	300
450	432	640	585	555	40-2	20-φ30	305	2440	325
500	457	715	650	615	44-2	20-φ33	305	2860	360
600	508	840	770	725	54-2	20-φ36	305	3450	425



手动 / 气动刀闸阀

MANUAL/PNEUMATIC KNIFE GATE VALVE

W
PZ73 Y-(6-16)P、R、C
H

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计制造标准

- 设计与制造标准: JB/T8691、MSS SP-81
- 结构长度标准: GB/T15188.2、TAPPI TIS 405.8
- 连接法兰标准: JB/T 79、ANSI B16.5、JIS 82220
- 检验与试验标准: GB/T13927、MSS SP-81、JB/T8691

- DESIGN & MANUFACTURE STANDARD

- Design and Manufacturing: JB/T-8691, MSS SP-81
- Face-to-Face: GB/T15188.2, TAPPI TIS 405.8
- End flange: JB/T 79, ANSI B16.5, JIS 82220
- Inspection and testing: GB/T13927, MSS SP-81, JB/T8691

- 性能规范

- 公称压力: 0.6.1.0.1.6Mpa
- 强度试验: 0.9.1.5.2.4Mpa
- 密封试验: 0.7.1.1.1.8Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), GF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 纸浆、泥浆、煤渣、灰渣
- 适用温度: -29℃ ~100℃

- SPECIFICATIONS

- Nominal pressure: 0.6.1.0.1.6Mpa
- Strength test: 0.9.1.5.2.4Mpa
- Seal test: 0.7.1.1.1.8Mpa
- Gas seal test: 0.6Mpa
- The valve main material: WCB(C), CF8(P), GF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: Mortar mixture, Dregs with water proportion
- Suitable temperature: -29℃ ~100℃

- 主要零件材料

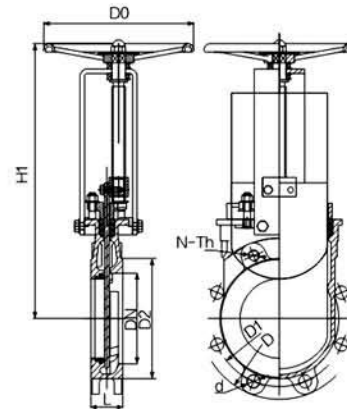
MAIN PARTS AND MATERIALS

材料名称 Material Name	PZ73H-(6-16)C	PZ73H-(6-16)P	PZ73H-(6-16)R
阀体、支架 Body,braket	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12MO2Ti CF8
闸板、闸杆 Disc,stem	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12MO2Ti CF8
密封材料 Seal Material	橡胶、聚四氟乙烯、不锈钢、硬质合金 Rubble,PTFE,Stainles steel,Carbide		

- 主要外形尺寸

MAIN OUTER SIZE

公称直径 Nominal diameter	PZ73W.H.Y-(6-16)P.R.C 尺寸 Dimensions(mm)							
	L	D	D1	D2	d	N-Th	H1	D0
50	4B	160	125	100	18	4-M16	310	180
65	4B	180	145	120	18	4-M16	330	180
80	51	195	160	135	18	4-M16	360	220
100	51	215	180	155	18	B-M16	400	240
125	57	245	210	185	18	B-M16	460	280
150	57	280	240	210	18	B-M20	510	300
200	70	335	295	265	23	B-M20	570	380
250	70	390	350	320	23	12-M20	670	450
300	76	440	400	368	23	12-M20	800	450
350	76	500	460	428	23	16-M20	590	450
400	89	565	515	482	25	16-M22	1000	450
450	89	615	565	532	25	20-M22	1160	530



法兰截止阀

FLANGED GLOBE VALVE

- 产品结构特征

截止阀属于比较常见的截断阀, 主要用来接通或截断管路中的介质。法兰连接截止阀适用于公称压力 PN1.6~16.0MPa, 工作温度 -46~550℃ 的石油、化工、制药、化肥、电力行业等各种工况的管路上, 切断或接通管路介质。

- 其主要结构特点有

- 截止阀的结构比闸阀简单, 制造和维护方便。
- 密封面不易磨损及擦伤, 密封性好, 使用寿命长。
- 启闭时, 阀瓣行程小, 截止阀的高度比闸阀小, 但结构长度比闸阀长。
- 启闭力矩大、启闭较费力, 启闭时间较长。
- 流体阻力大, 因阀体内介质通道较曲折, 流体阻力大, 动力消耗大。
- 介质流动方向: 公称压力 PN ≤ 16MPa 时, 一般采用顺流, 介质从阀瓣下方向上流; 公称压力 PN ≥ 20MPa 时, 一般采用逆流, 介质从阀瓣上方向下流, 增强密封性能。
- 全开时阀瓣经常受冲蚀。

- PRODUCTS DESIGN FEATURES

Globe valve as one of the cut-off valve is a oommon valves mainly used to connect or disconnect the line of medium. Flanged connection globe valves are used to cut or connect the pipe media under pressures between PM.6~16.0MPa, working temperatures betw6en -46~550 ℃ , in oil industry, chemical industry pharmaoeuticals, ferblizer, and power industry.

- MAIN STRUCTURAL FEATURES

- Globe valve's structure is more simple than gate valve 's, and it is more convenient in manLrfacturing and maintenance.
- Sealing surface is not easy to wear and scratch, and it has a good sealing surface and long service life.
- When opening and closing, disc' s route is small, so the height of globe valve is smaller than gate valve, but the length of structure is tonger than gate valve's.
- Opening and closing torque is large, open and dose more laborious, open and dose time principal.
- Fluid resistance, due to the valve body in the media channel more twists and turns, fluid resistance, power consumption.
- Medium flow direction: nominal pressure PN is less than 16MPa, generallyly use the media from the varve downstream, under the direction of flow; nominal pressure PN = 20MPa, using reflux, medium from the valve on the downstream direction to increase the seal.
- The valve is fully open when the vavte flap is subject to erosion.

- 主要零件材料

FORM OF MAJOR PARTS MATERIALS

零件名称 Part name	阀体、阀盖、闸板 Body,cover,gate	密封 Sealing	阀杆 Stem	填料 packing	螺栓 / 螺母 Bolt/nut
碳素钢 Carbon steel	WCB	13Cr、STL	Cr13 系	柔性石墨 Flexible graphite	35CrMoA/45
奥氏体不锈钢 Austenitic stainless steel	CF8(304)、CF8M(316)、 Cf3(304L)、CF3M(316L)	本体材料、STL Body material、STL	304、316、 304L、316L	柔性石墨、PTFE Flexible graphite,PTFE	304/304 316/316
合金钢 Alloy steel	WC6、WC9、 1Cr5Mo、15CrMo	STL	25Cr2Mo1V	柔性石墨 Flexible graphite	25Cr2Mo1V/ 35CrMoA
双相钢 Dual phanse steel	F51、00Cr22Ni5Mo3N	本体材料、STL Body material、STL	00Cr22Ni5Mo3N	柔性石墨、PTFE Flexible graphite,PTFE	316/316
低温钢 Low temperature steel	LCB、LF2、16Mn	STL	1Cr17Ni2、304	柔性石墨 Flexible graphite	42CrMoA/ 20CrMoA
钛 Titanium	ZTA1、ZTA2、ZTA10、 Gr2、Gr3	本体材料 Body material	TA1、TA2、TA10、 Gr2、GR3、TC4	柔性石墨、PTFE Flexible graphite,PTFE	304/304 316/316
镍 Nickel	哈氏合金 Hastelloy	本体材料 Body material	哈氏合金 Hastelloy	柔性石墨、PTFE Flexible graphite,PTFE	304/304 316/316



国标、德标截止阀

GB, DIN GLOBE VALVE

J₉⁵W_H41Y-(16~100)P、R、C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计制造标准

- 设计与制造按 GB/T12235、DIN 3356
- 结构长度按 GB/T12221、DIN 3202
- 法兰连接尺寸按 JB/T 79、DIN 2543
- 检验按 GB/T 26480、DIN 3230

- DESIGN & MANUFACTURE STANDARD

- Design and manufacture as GB/T 12235, DIN 3356
- Face to face dimensions as GB/T 12221, DIN 3202
- End flange dimension as JB/T 79, DIN 2543
- Pressure test as GB/T 26480, DIN 3230

- 性能规范

- 公称压力: 1.6, 2.5, 4.0, 6.3, 10.0Mpa
- 强碰试验: 2.4, 3.8, 6.0, 9.5, 15.0Mpa
- 密封试验: 1.8, 2.8, 4.4, 7.0, 11Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品、硝酸类, 醋酸类
- 适用温度: -29℃ ~425℃

- SPECIFICATIONS

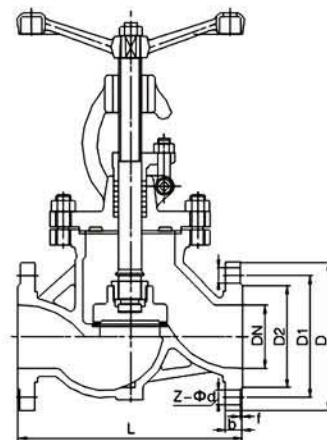
- Nominal pressure: 1.6, 2.5, 4.0, 6.3, 10.0Mpa
- Strength test: 2.4, 3.8, 6.0, 9.5, 15.0Mpa
- Seal test: 1.8, 2.8, 4.4, 7.0, 11Mpa
- Gas seal test: 0.6Mpa
- Valve body material: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29℃ ~425℃

- 主要尺寸及重量

MAIN SIZE AND WEIGHT

PN16

DN	L	D		D1	D2	f	b		z-φd	
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929	JB/T 79	HG/T 205929
15	130	95	95	65	45	2	14	16	4-φ14	4-φ14
20	150	105	105	75	55	2	14	18	4-φ14	4-φ14
25	160	115	115	85	65	2	14	18	4-φ14	4-φ14
32	180	135	140	100	78	2	16	18	4-φ18	4-φ18
40	200	145	150	110	85	3	16	18	4-φ18	4-φ18
50	230	160	165	125	100	3	16	18	4-φ18	4-φ18
65	290	180	185	145	120	3	18	18	4-φ18	8-φ18
80	310	195	200	160	135	3	20	20	8-φ18	8-φ18
100	350	215	220	180	155	3	20	20	8-φ18	8-φ18
125	400	245	250	210	185	3	22	22	8-φ18	8-φ18
150	480	280	285	240	210	3	24	22	8-φ23	8-φ22
200	600	335	340	295	265	3	26	24	12-φ23	12-φ22
250	650	405	405	355	320	3	30	26	12-φ25	12-φ26
300	750	460	460	410	375	4	30	28	12-φ25	12-φ26
350	850	520	520	470	435	4	34	30	16-φ25	16-φ26
400	950	580	580	525	485	4	36	32	16-φ30	16-φ30
450	1050	640	640	585	545	4	40	40	20-φ30	20-φ30
500	1150	705	715	650	608	4	44	44	20-φ34	20-φ33



国标、德标截止阀

GB, DIN GLOBE VALVE

J₉⁵W_H41Y-(16~100)P、R、C

PN25

DN	L	D		D1	D2	f	b		z-φd	
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929	JB/T 79	HG/T 205929
15	130	95	95	65	45	2	16	16	4-14	4-14
20	150	105	105	75	55	2	16	16	4-14	4-14
25	160	115	115	85	65	2	16	16	4-14	4-14
32	180	135	140	100	78	2	18	18	4-18	4-18
40	200	145	150	110	85	2	18	18	4-18	4-18
50	230	160	165	125	100	2	20	20	4-18	4-18
65	290	180	185	145	120	2	22	22	8-18	8-18
80	310	195	200	160	135	2	22	22	8-18	8-18
100	350	230	235	190	160	2	24	24	8-23	8-22
125	400	270	270	220	188	2	28	26	8-25	8-26
150	480	300	300	250	218	2	30	28	8-25	8-26
200	600	360	360	310	278	2	34	30	12-25	12-26
250	650	425	425	370	332	2	36	32	12-30	12-30
300	750	485	485	430	390	2	40	34	16-30	16-30
350	850	550	555	490	448	2	44	38	16-34	16-33
400	950	610	620	550	505	2	48	40	16-34	16-36
450	1050	660	670	600	555	2	50	46	20-34	20-36
500	1150	730	730	660	610	2	52	48	20-41	20-36

PN40

DN	L	D		D1	D2	f	b		z-φd	
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929	JB/T 79	HG/T 205929
15	130	95	95	65	45	2	16	16	4-14	4-14
20	150	105	105	75	55	2	16	18	4-14	4-14
25	160	115	115	85	65	2	16	18	4-14	4-14
32	180	135	140	100	78	2	18	18	4-18	4-18
40	200	145	150	110	85	2	18	18	4-18	4-18
50	230	160	165	125	100	2	20	20	4-18	4-18
65	290	180	185	145	120	2	22	22	8-18	8-18
80	310	195	200	160	135	2	24	24	8-18	8-18
100	350	230	235	190	160	2	24	24	8-22	8-22
125	400	270	270	220	188	2	26	26	8-26	8-26
150	480	300	300	250	218	2	28	28	8-26	8-26
200	600	375	375	320	285	2	34	34	12-30	12-30

PN63

DN	L	D		D1	D2	f	b		z-φd	
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929	JB/T 79	HG/T 205929
15	130	105	105	75	55	2	18	20	4-14	4-14
20	150	125	130	90	68	2	20	22	4-18	4-18
25	160	135	140	100	78	2	22	24	4-18	4-18
32	180	150	155	110	82	2	24	26	4-23	4-22
40	200	165	170	125	95	2	24	28	4-23	4-22
50	230	175	180	135	105	2	26	26	4-23	4-22
65	290	200	205	160	130	2	28	26	8-23	8-22
80	310	210	215	170	140	2	30	28	8-23	8-22
100	350	250	250	200	168	2	32	30	8-25	8-26
125	400	295	295	240	202	2	36	34	8-30	8-30
150	480	340	345	280	240	2	38	36	8-34	8-33
200	600	405	415	345	300	2	44	42	12-34	12-36



美标、日标截止阀

ANSI, JIS GLOBE VALVE

J₉⁵W₄₁Y-(150LB-300LB, 10K-20K)P、R、C
H

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计制造标准

- 设计制造按: ASME 816.34, BS1873
- 结构长度按: ASME 816.10
- 连接尺寸按: ASME B16.5, JIS 82220
- 检验和测试按: ISO 5208, API 598, BS 6755

- DESIGN & MANUFACTURE STANDARD

- Design & Manufacture as per: ASME 816.34, BS1873
- Face to face dimension as per: ASME B16.10
- Connection ends dimension as per: ASME B16.5, JIS B2220
- Inspection and test as per: ISO 5208, API 598, BS 6755

- 性能规范

- 公称压力: 150, 300LB, 10K, 20K
- 强度试验: PT3.0, 7.5, 2.4, 5.8Mpa
- 密封试验: 2.2, 5.5, 1.5, 4.0Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品、硝酸类, 醋酸类
- 适用温度: -29°C ~425°C

- SPECIFICATIONS

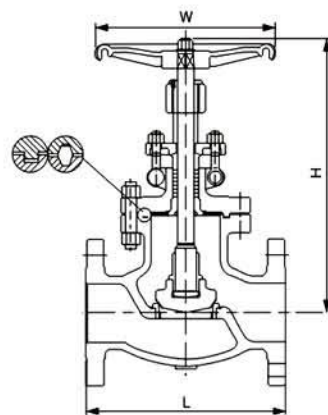
- Nominal pressure: 1.6, 2.5, 4.0, 6.3, 10.0Mpa
- Strength test: 2.4, 3.8, 6.0, 9.5, 15.0Mpa
- Seal test: 1.8, 2.8, 4.4, 7.0, 11Mpa
- Gas seal test: 0.6Mpa
- Valve body material: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29°C ~425°C

- 主要尺寸及重量

MAIN SIZE AND WEIGHT

		J41H(Y) Class 150/10K															
Size	inch	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16
L	mm	108	117	127	140	165	203	216	241	292	356	406	495	622	698	787	914
H	mm	169	193	250	250	291	350	362	385	490	455	537	707	788	820		
W	mm	100	125	160	160	180	220	250	280	320	320	400	450	560	560		

		J41H(Y) Class 300/20K													
Size	inch	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L	mm	152	178	203	216	229	267	292	318	356	400	445	559	622	711
H	mm	163	193	250	250	291	345	377	405	468	620	*708	*777	*935	*906
W	mm	100	125	160	160	180	220	250	280	320	400	*450	*500	*560	*600



锻钢截止阀

FORGED STEEL GLOBE VALVE

J₄₁Y-(PN16-160 150-2500LB)P、R、C
H

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计制造标准

- 设计制造按 API 602, BS 5352, ASME B16.34
- 连接尺寸按 ASME B16.5
- 检验和测试按 API 598

- DESIGN & MANUFACTURE STANDARD

- Design manufacture as per: API 602, BS 5352, ASME 816.34
- Connection ends dimension as per: ASME B16.5
- Inspection and test as per: API 598

- 性能规范

- 公称压力: 150~1500LB
- 强度试验: 1.5XPN Mpa
- 密封试验: 1.1XPN Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: A105(C), F304(P), F304(PL), F316(R), F316L(RL)
- 适用介质: 水、蒸汽、油品、硝酸类, 醋酸类
- 适用温度: -29°C ~425°C

- SPECIFICATIONS

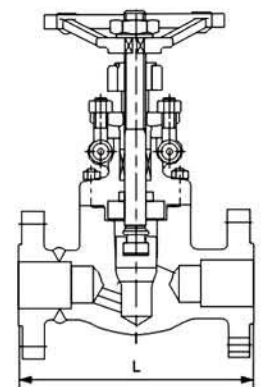
- Nominal pressure: 150~1500LB
- Strength test: 1.5XPN Mpa
- Seal test: 1.1XPN Mpa
- Gas seal test: 0.6Mpa
- Valve body material: A105(C), F304(P), F304(PL), F316(R), F316L(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29°C ~425°C

- 主要尺寸及重量

MAIN SIZE AND WEIGHT

		J41H(Y) GB PN16-160												
Size	in	mm	压力 PN	L(mm)	压力 PN	L(mm)	压力 PN	L(mm)	压力 PN	L(mm)	压力 PN	L(mm)	压力 PN	L(mm)
1/2	15		PN16	130	PN25	130	PN40	130	PN63	170	PN100	170	PN160	170
3/4	20		PN16	150	PN25	150	PN40	150	PN63	190	PN100	190	PN160	190
1	25		PN16	160	PN25	160	PN40	160	PN63	210	PN100	210	PN160	210
1 1/4	32		PN16	180	PN25	180	PN40	180	PN63	230	PN100	230	PN160	230
1 1/2	40		PN16	200	PN25	200	PN40	200	PN63	260	PN100	260	PN160	260
2	50		PN16	230	PN25	230	PN40	230	PN63	300	PN100	300	PN160	300

		J41H(Y) GB PN16-160												
Size	in	mm	压力磅级 Class	L(mm)	压力磅级 Class	L(mm)	压力磅级 Class	L(mm)	压力磅级 Class	L(mm)	压力磅级 Class	L(mm)	压力磅级 Class	L(mm)
1/2	15		150LB	108	300LB	152	600LB	165	900LB	216	1500LB	216	2500LB	264
3/4	20		150LB	117	300LB	178	600LB	190	900LB	229	1500LB	229	2500LB	273
1	25		150LB	127	300LB	203	600LB	216	900LB	254	1500LB	254	2500LB	308
1 1/4	32		150LB	140	300LB	216	600LB	229	900LB	279	1500LB	279	2500LB	349
1 1/2	40		150LB	165	300LB	229	600LB	241	900LB	305	1500LB	305	2500LB	384
2	50		150LB	203	300LB	267	600LB	292	900LB	368	1500LB	368	2500LB	451





波纹管截止阀

BELLOW SEALED GLOBE VALVE

WJ₉⁵_H41Y-(16-63)P、R、C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计制造标准

- 设计制造按: GB/T 12234、BS1873
- 结构长度按: GB/T 12221、ASME B16.10
- 法兰连接尺寸按: JB/T79、HG/T 20592、ASME B16.5
- 检验和测试按: GB/T 26480、API 598

- 性能规范

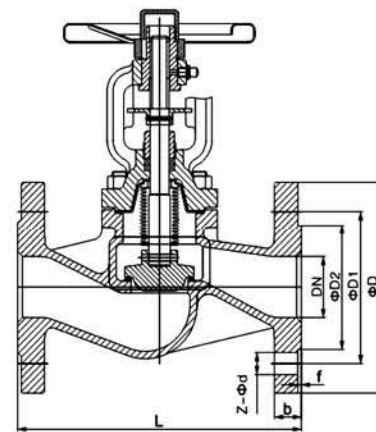
- 公称压力: 1.6, 2.5, 4.0, 6.3Mpa
- 强度试验: 2.4, 3.8, 6.0, 9.5Mpa
- 密封试验: 1.8, 2.8, 4.4, 7.0Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 石油、天然气、水、磨蚀性介质
- 适用温度: -29℃ ~425℃

- 主要零件材料

MAIN PARTS AND MATERIALS

PN16

DN	L	D		D1	D2	f	b		z-φd		H	D0
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929	JB/T 79	HG/T 205929		
15	130	95	95	65	45	2	14	16	4-φ14	4-φ14	190	100
20	150	105	105	75	55	2	14	18	4-φ14	4-φ14	200	120
25	160	115	115	85	65	2	14	18	4-φ14	4-φ14	225	140
32	180	135	140	100	78	2	16	18	4-φ18	4-φ18	235	160
40	200	145	150	110	85	3	16	18	4-φ18	4-φ18	265	200
50	230	160	165	125	100	3	16	18	4-φ18	4-φ18	280	220
65	290	180	185	145	120	3	18	18	4-φ18	8-φ18	350	240
80	310	195	200	160	135	3	20	20	8-φ18	8-φ18	360	280
100	350	215	220	180	155	3	20	20	8-φ18	8-φ18	410	320
125	400	245	250	210	185	3	22	22	8-φ18	8-φ18	450	350
150	480	280	285	240	210	3	24	22	8-φ23	8-φ22	480	400
200	600	335	340	295	265	3	26	24	12-φ23	12-φ22	600	450
250	730	405	405	355	320	3	30	26	12-φ25	12-φ26	720	550
300	850	460	460	410	375	4	30	28	12-φ25	12-φ26	950	650
350	980	520	520	470	435	4	34	30	16-φ25	16-φ26	1040	750
400	1100	580	580	525	485	4	36	32	16-φ30	16-φ30	1150	800
450	1200	640	640	585	545	4	40	40	20-φ30	20-φ30	1250	850
500	1250	705	715	650	608	4	44	44	20-φ34	20-φ33	1380	950



抗生素截止阀

ANTIBIOTICS GLOBE VALVE

J41F-(16-63)P、R、C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计制造标准

- 设计与制造按 GB/T 12235、DIN 3356
- 结构长度按 GB/T 12221、DIN 3202
- 法兰连接尺寸按 JB/T 79、DIN 2543
- 检验按 GB/T 26480、DIN 3230

- 性能规范

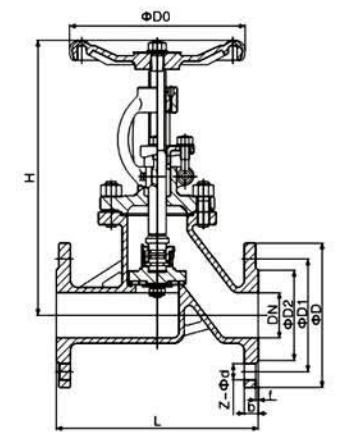
- 公称压力: 1.6, 2.5, 4.0, 6.3Mpa
- 强度试验: 2.4, 3.8, 6.0, 9.5Mpa
- 密封试验: 1.8, 2.8, 4.4, 7.0Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品、硝酸类, 醋酸类
- 适用温度: -29℃ ~425℃

- 主要零件材料

MAIN PARTS AND MATERIALS

PN16

DN	L	D		D1	D2	f	b		z-φd		H	D0
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929				
15	130	95	95	65	45	2	14	16	4-φ14	4-φ14	190	100
20	150	105	105	75	55	2	14	18	4-φ14	4-φ14	200	120
25	160	115	115	85	65	2	14	18	4-φ14	4-φ14	225	140
32	180	135	140	100	78	2	16	18	4-φ18	4-φ18	235	160
40	200	145	150	110	85	3	16	18	4-φ18	4-φ18	265	200
50	230	160	165	125	100	3	16	18	4-φ18	4-φ18	280	220
65	290	180	185	145	120	3	18	18	4-φ18	8-φ18	350	240
80	310	195	200	160	135	3	20	20	8-φ18	8-φ18	360	280
100	350	215	220	180	155	3	20	20	8-φ18	8-φ18	410	320
125	400	245	250	210	185	3	22	22	8-φ18	8-φ18	450	350
150	480	280	285	240	210	3	24	22	8-φ23	8-φ22	480	400
200	600	335	340	295	265	3	26	24	12-φ23	12-φ22	600	450
250	730	405	405	355	320	3	30	26	12-φ25	12-φ26	720	550
300	850	460	460	410	375	4	30	28	12-φ25	12-φ26	950	650
350	980	520	520	470	435	4	34	30	16-φ25	16-φ26	1040	750
400	1100	580	580	525	485	4	36	32	16-φ30	16-φ30	1150	800
450	1200	640	640	585	545	4	40	40	20-φ30	20-φ30	1250	850
500	1150	705	715	650	608	4	44	44	20-φ34	20-φ33	1380	950





法兰止回阀

FLANGED CHECK VALVE

- 产品结构特征

止回阀是一种“自动”阀，顺流时开启，逆流时关闭。靠系统中的介质压力打开阀门，介质倒流时关闭阀门。具体操作因止回阀机构的类型而异。最常见的止回阀类型有旋启式、升降式（活塞和球式）、蝶形、止回阀和倾斜阀盘。产品广泛应用于石油、化工、制药、化肥、电力、城建等行业管路系统。

止回阀可分为升降式止回阀、旋启式止回阀和蝶式止回阀三种。升降式止回阀可分为立式和直通式两种。旋启式止回阀分为单瓣式、双瓣式和多瓣式三种。蝶式止回阀可分为蝶式双瓣、蝶式单瓣，以上几种止回阀在连接形式上可分为螺纹连接、法兰连接、焊接和对夹式连接四种。

- 主要零件材料

FORM OF MAJOR PARTS MATERIALS

零件名称 Part name	阀体、阀盖、闸板 Body, cover, gate	密封 Sealing	阀杆 Stem	填料 packing	螺栓 / 螺母 Bolt/nut
碳素钢 Carbon steel	WCB	13Cr、STL	Cr13系	柔性石墨 Flexible graphite	35CrMoA/45
奥氏体不锈钢 Austenitic stainless steel	CF8(304)、CF8M(316)、CF3(304L)、CF3M(316L)	本体材料、STL Body material、STL	304、316、304L、316L	柔性石墨、PTFE Flexible graphite, PTFE	304/304 316/316
合金钢 Alloy steel	WC6、WC9、1Cr5Mo、15CrMo	STL	25Cr2Mo1V	柔性石墨 Flexible graphite	25Cr2Mo1V/ 35CrMoA
双相钢 Dual phase steel	F51、00Cr22Ni5Mo3N	本体材料、STL Body material、STL	00Cr22Ni5Mo3N	柔性石墨、PTFE Flexible graphite, PTFE	316/316
低温钢 Low temperature steel	LCB、LF2、16Mn	STL	1Cr17Ni2、304	柔性石墨 Flexible graphite	42CrMoA/ 20CrMoA
钛 Titanium	ZTA1、ZTA2、ZTA10、Gr2、Gr3	本体材料 Body material	TA1、TA2、TA10、Gr2、Gr3、TC4	柔性石墨、PTFE Flexible graphite, PTFE	304/304 316/316
镍 Nickel	哈氏合金 Hastelloy	本体材料 Body material	哈氏合金 Hastelloy	柔性石墨、PTFE Flexible graphite, PTFE	304/304 316/316



国标、德标止回阀

GB, DIN CHECK VALVE

W
H44Y-(16~100)P、R、C
H

- 材质：不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计制造标准

- 设计与制造按 GB/T 12236、GB/T 12235
- 结构长度按 GB/T 12221
- 法兰连接尺寸按 JB/T 79
- 检验按 GB/T 26480

- 性能规范

- 公称压力：1.6, 2.5, 4.0, 6.3Mpa
- 渣担葡式试验：2.4, 3.8, 6.0, 9.5Mpa
- 密封试验：1.8, 2.8, 4.4, 7.0Mpa
- 气密封试验：0.6Mpa
- 阀门主体材料：WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质：水、蒸汽、油品、硝酸类、醋酸类
- 适用温度：-29℃ ~425℃

- 主要外形尺寸

MAIN OUTER SIZE

PN16

DN	L	D		D1	D2	t	b		z-φd		L
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929	JB/T 79	HG/T 205929	
15	18	95	95	65	45	2	14	16	4-φ14	4-φ14	130
20	20	105	105	75	55	2	14	18	4-φ14	4-φ14	150
25	25	115	115	85	65	2	14	18	4-φ14	4-φ14	160
32	32	135	140	100	78	2	16	18	4-φ18	4-φ18	180
40	38	145	150	110	85	3	16	18	4-φ18	4-φ18	200
50	50	160	165	125	100	3	16	18	4-φ18	4-φ18	230
65	64	180	185	145	120	3	18	18	4-φ18	8-φ18	280
80	76	195	200	160	135	3	20	20	8-φ18	8-φ18	310
100	100	215	220	180	155	3	20	20	8-φ18	8-φ18	350
125	125	245	250	210	185	3	22	22	8-φ18	8-φ18	400
150	150	280	285	240	210	3	24	22	8-φ23	8-φ22	480
200	200	335	340	295	265	3	26	24	12-φ23	12-φ22	600
250	250	405	405	355	320	3	30	26	12-φ25	12-φ26	650
300	300	460	460	410	375	4	30	28	12-φ25	12-φ26	750

PN25

DN	L	D		D1	D2	t	b		z-φd		L
		JB/T 79	HG/T 205929				JB/T 79	HG/T 205929	JB/T 79	HG/T 205929	
15	18	95	95	65	45	2	16	16	4-φ14	4-φ14	130
20	20	105	105	75	55	2	16	18	4-φ14	4-φ14	150
25	25	115	115	85	65	2	16	18	4-φ14	4-φ14	160
32	32	135	140	100	78	2	18	18	4-φ18	4-φ18	180
40	38	145	150	110	85	3	18	18	4-φ18	4-φ18	200
50	50	160	165	125	100	3	20	20	4-φ18	4-φ18	230
65	64	180	185	145	120	3	22	22	8-φ18	8-φ18	280
80	76	195	200	160	135	3	22	24	8-φ18	8-φ18	310
100	100	230	235	190	160	3	24	24	8-φ23	8-φ22	350
125	125	270	270	220	188	3	28	26	8-φ25	8-φ26	400
150	150	300	300	250	218	3	30	28	8-φ25	8-φ26	480
200	200	360	360	310	278	3	34	30	12-φ25	12-φ26	600
250	250	425	425	370	332	3	36	32	12-φ30	12-φ30	650
300	300	485	485	430	390	4	40	34	16-φ30	16-φ30	750

- DESIGN & MANUFACTURE STANDARD

- Design and manufacture as GB/T 12236, GB/T 12235
- Face to face dimensions as GB/T 12221
- End flange dimension as JB/T 79
- Pressure test as GB/T 26480

- SPECIFICATIONS

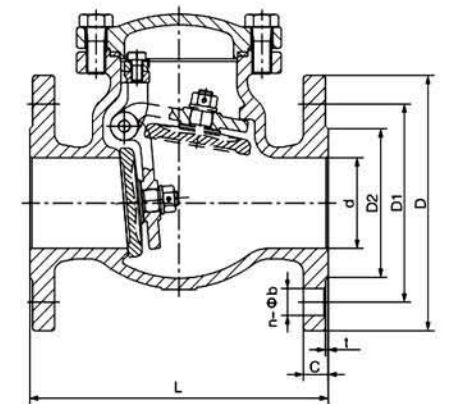
- Nominal pressure: 1.6, 2.5, 4.0, 6.3Mpa
- Strength test: 2.4, 3.8, 6.0, 9.5Mpa
- Seal test: 1.8, 2.8, 4.4, 7.0Mpa
- Gas seal test: 0.6Mpa
- Valve body material: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: water, steam, oil products, nitric acid, acetic acid
- Suitable temperature: -29℃ ~425℃



旋启式
Swing Check Valve



升降式
Lift Check Valve





美标、日标止回阀

ANSI, JIS CHECK VALVES

W
H44Y-(150LB-600LB, 10K-20K)P、R、C
H

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计制造标准

- 设计与制造按 API 6D、BS 1868、ASME B16.34
- 结构长度按 ASME B16.10、API 6D
- 法兰连接尺寸按 ASME B16.5、ASME B16.47、JIS B2220
- 检验和测试按 ISO 5208、API 598、BS 6755

- 性能规范

- 公称压力: 150, 300LB, 10K, 20K
- 强度试验: PT3.0, 7.5, 2.4, 5.8Mpa
- 密封试验: 2.2, 5.5, 1.5, 4.0Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: WCB(C), CF8(P), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 水、蒸汽、油品、硝酸类, 醋酸类
- 适用温度: -29℃ ~425℃

- 主要尺寸及重量

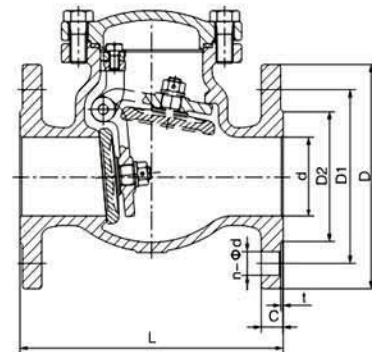
MAIN SIZE AND WEIGHT

Class150

Size	d	D	D1	D2	t	C	n-φb	L
DN15	18	90	60.3	34.9	1.6	10	4-φ16	108
DN20	20	100	69.9	42.9	1.6	11	4-φ16	117
DN25	25	110	79.4	50.8	1.6	12	4-φ16	127
DN32	32	115	88.9	63.5	1.6	13	4-φ16	140
DN40	38	125	98.4	73	1.6	15	4-φ16	165
DN50	50	150	120.7	92.1	1.6	16	4-φ19	203
DN65	64	180	139.7	104.8	1.6	18	4-φ19	216
DN80	76	190	152.4	127	1.6	19	4-φ19	241
DN100	100	230	190.5	157.2	1.6	24	8-φ19	292
DN125	125	255	215.9	185.7	1.6	24	8-φ22	330
DN150	150	280	241.3	215.9	1.6	26	8-φ22	356
DN200	200	345	298.5	269.9	1.6	29	8-φ22	495
DN250	250	405	362	323.8	1.6	31	12-φ25	622
DN300	300	485	431.8	381	1.6	32	12-φ25	698

10K

Size	d	D	D1	D2	t	C	n-φb	L
DN15	15	95	70	52	1	12	4-φ15	108
DN20	20	100	75	58	1	14	4-φ15	117
DN25	25	125	90	70	1	14	4-φ15	127
DN32	32	135	100	80	2	16	4-φ15	140
DN40	38	140	105	85	2	16	4-φ15	165
DN50	50	155	120	100	2	16	4-φ15	203
DN65	64	175	140	120	2	18	4-φ15	216
DN80	76	185	150	130	2	18	4-φ15	241
DN100	100	210	175	155	2	18	4-φ15	292
DN125	125	250	210	185	2	20	4-φ15	330
DN150	150	280	240	215	2	22	4-φ15	356
DN200	200	330	290	265	2	22	4-φ15	495
DN250	250	400	355	325	2	24	4-φ15	622
DN300	300	445	400	370	2	24	4-φ15	698
DN350	350	490	445	415	2	26	4-φ15	787
DN400	400	560	510	475	2	28	4-φ15	864



锻钢止回阀

FORGED CHECK VALVE

W
H44Y-(PN15-160, 150-2500LB)P、R、C
H

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计制造标准

- 设计制造按 BS 5352、ASME B16.34
- 连接尺寸按 ASME B16.11
- 检验和测试按 API 598

- 性能规范

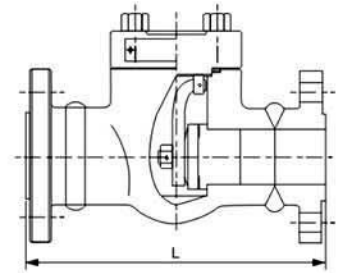
- 公称压力: 150—1500LB
- 强度试验: 1.5XPN Mpa
- 密封试验: 1.1XPN Mpa
- 气密封试验: 0.6Mpa
- 阀门主体材料: A105(C), F304(P), F304(PL), F316(R), F316L(RL)
- 适用介质: 水、蒸汽、油品、硝酸类, 醋酸类
- 适用温度: -29℃ ~425℃

- 主要尺寸及重量

MAIN SIZE AND WEIGHT

Size		压力 PN	L(mm)	压力 PN	L(mm)	压力 PN	L(mm)	压力 PN	L(mm)	压力 PN	L(mm)	压力 PN	L(mm)
1/2	15	PN16	130	PN25	130	PN40	130	PN63	170	PN100	170	PN160	170
3/4	20		150		150		150		190		190		190
1	25		160		160		160		210		210		210
1 1/4	32		180		180		180		230		230		230
1 1/2	40	200	200	200	260	260	260	260	260	260	260	260	
2	50	230	230	230	300	300	300	300	300	300	300	300	

Size		压力磅级 Class	L(mm)	压力磅级 Class	L(mm)	压力磅级 Class	L(mm)	压力磅级 Class	L(mm)	压力磅级 Class	L(mm)	压力磅级 Class	L(mm)
1/2	15	150LB	108	300LB	152	600LB	165	900LB	216	1500LB	216	2500LB	264
3/4	20		117		178		190		229		229		273
1	25		127		203		216		254		254		308
1 1/4	32		140		216		229		279		279		349
1 1/2	40	165	229	241	305	305	384	384	384	384	384	384	
2	50	203	267	292	368	368	451	451	451	451	451	451	





消声止回阀

SILENT CHECK VALVES

H42X-(10~16、150LB、10K)P、R、C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 设计制造标准

- 设计与制造按 GB/T 12235、ASME B16.34、JIS 82074
- 法兰连接尺寸按 JB/T 79、HG/T 20592、ASME 816.5、JIS 82220
- 检验和测试按 GB/T 26480、API 598、JIS B2003

- DESIGN & MANUFACTURE STANDARD

- Design & Manufacture as Per GB/T-12235, ASME B16.34, JIS B2074
- Connection ends dimension as per JB/T 79, HG/T 20592, ASME B16.5, JIS B2220
- Inspection and test as per: GB/T 26480, API 598, JIS B2003

- 性能规范

- 公称压力: PN10, PN16, 150LB, 10K
- 强度试验压力: P 咧. 5, 2.4, 3.0, 2.4Mpa
- 高压密封试验压力: 1.1, 1.8, 2.2, 1.5Mpa
- 适用介质: 水及弱腐蚀性介质
- 适用温度: 0~80℃

- SPECIFICATIONS

- Nominal pressure: PN10, PN16, 150LB, 10K
- Strength testing pressure: PT1.5, 2.4, 3.0, 2.4Mpa
- Seal testing pressure high pressure : 1.1, 1.8, 2.2, 1.5Mpa
- Applicable media: water and corrosive medium
- Applicable temperature: 0~80℃

- 主要尺寸及重量

MAIN SIZE AND WEIGHT

国标 PN16

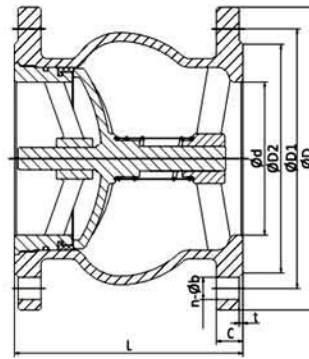
DN	L	d	D	D1	D2	C	f	n-φb
50	120	50	160	125	100	16	3	4-φ18
65	130	63	180	145	120	18	3	4-φ18
80	150	80	195	160	135	20	3	8-φ18
100	165	100	215	180	155	20	3	8-φ18
125	190	124	245	210	165	22	3	8-φ18
150	210	148	285	240	212	22	2	8-φ22
200	255	198	340	295	268	24	2	12-φ22
250	310	240	405	355	320	26	2	12-φ26
300	320	297	460	410	378	28	2	12-φ26

美标 150LB

SIZE	L	d	D	D1	D2	C	f	n-φb
2"	120	50	150	120.7	92.1	16.3	2	4-φ19
2 1/2"	130	63	180	139.7	104.8	17.9	2	4-φ19
3"	150	80	190	152.4	127	19.5	2	4-φ19
4"	165	100	230	190.5	157.2	24.3	2	8-φ19
5"	190	124	255	215.9	185.7	24.3	2	8-φ22.5
6"	210	148	280	241.3	215.9	25.9	2	8-φ22
8"	255	198	345	298.5	269.9	29.0	2	8-φ22
10"	310	248	405	362	323.8	30.6	2	12-φ25
12"	320	297	485	431.8	381	32.2	2	12-φ25

日标 10k

SIZE	L	d	D	D1	D2	C	f	n-φb
DN50	120	50	155	120	96	16	2	4-φ19
DN65	130	63	175	140	116	18	2	4-φ19
DN80	150	80	185	150	126	18	2	8-φ19
DN100	165	100	210	175	151	18	2	8-φ19
DN125	190	124	250	210	182	20	2	8-φ23
DN150	210	148	280	240	212	22	2	8-φ23
DN200	255	198	330	290	262	22	2	12-φ23
DN250	310	248	400	355	324	24	2	12-φ25
DN300	320	297	445	400	368	24	2	16-φ25



对夹式止回阀

WAFER TYPE CHECK VALVE

W
H7Y W-(16~160、150LB~900LB、10K~20K)P、R、C
H

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 性能规范

- 公称压力: PN1.6, 2.5, 4.0, 6.4MPa
- 弱缸复记朗金压力: PT2.4, 3.8, 6.0, 9.6MPa
- 高压密封试验压力: 1.8, 2.8, 4.4, 7.1MPa
- 适用介质:
H₇₁⁷¹H-(16-64)C 水、油品、气
H₇₁⁷¹W-(16-64)P 硝酸类
H₇₁⁷¹W-(16-64)R 醋酸类
- 适用温度: -29~150℃

- SPECIFICATIONS

- Nominal pressure: PN1.6, 2.5, 4.0, 6.4Mpa
- Strength testing pressure: PT2.4, 3.8, 6.0, 9.6Mpa
- Seat testing pressure high pressure : 1.8, 2.8, 4.4, 7.1Mpa
- Applicable media:
H₇₁⁷¹H-(16-64)C Water, Oil, Gas
H₇₁⁷¹W-(16-64)P Nitric acid
H₇₁⁷¹W-(16-64)R Acetic acid
- plicable temperature: -29~150℃

- 主要零件材料

FORM OF MAJOR PARTS MATERIALS

材料名称 Material Name	H ₇₁ ⁷¹ H-(16-64)C	H ₇₁ ⁷¹ H-(16-64)P	H ₇₁ ⁷¹ H-(16-64)R
阀体 Body	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni9Ti CF8
闸瓣 Disc	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni9Ti CF8
密封 Sealing	304,316,PTFE		

-H71 主要外形尺寸

MAIN OUTER SIZE(H71)

公称通径	d	D	L	
15	1/2"	15	45	17.5
20	3/4"	20	56	20
25	1"	25	65	23
32	1 1/4"	32	74	28
40	1 1/2"	40	84	31.5
50	2"	50	102	40
65	2 1/2"	65	121	46
80	3"	80	131	50
100	4"	100	156	60
125	5"	125	190	90
150	6"	150	220	105
200	8"	196	270	140
250	10"	246	328	146

-H76 主要外形尺寸

MAIN OUTER SIZE(H76)

公称通径	L	d	k	D	
50	2"	60	48	50	108
65	2 1/2"	67	59	65	128
80	3"	73	73	80	142
100	4"	73	92	100	162
125	5"	86	115	125	192
150	6"	98	138	150	218
200	8"	127	186	200	272
250	10"	146	234	250	330
300	12"	181	270	300	375
350	14"	184	315	350	420
400	16"	191	365	400	483
450	18"	203	415	450	538
500	20"	219	465	500	593
600	24"	222	565	600	697



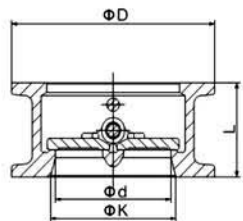
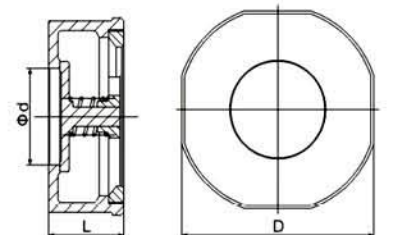
H71 对夹式止回阀
H71 Wafer Disco Check Valve



H76 蝶形对夹式止回阀
H76 Wafer Double Disco Check Valve



H74 单瓣对夹止回阀
H74 Wafer Single Disco Check Valve





消声止回阀

SILENT CHECK VALVES

蝶阀是用圆盘形关闭件转动 90°，来启闭阀门的一种旋转阀。蝶阀具有结构紧凑、重量轻、占据空间位置小，阻力相对小，启闭迅速等优点。蝶阀作为一种用来实现管路系统通断及流量控制的阀门，是近十几年来发展迅速的阀门品种之一。

本公司生产的蝶阀除了传统的中线结构以外，还有一种采用比较先进的三偏心金属硬密封结构，阀体和阀座为连体构件，阀座密封表面层堆焊耐温、耐蚀合金材料。多层软叠式密封面固定在蝶板上，这种蝶阀与传统蝶阀相比具有耐高温，操作轻便，启闭无摩擦，关闭时随着传动机构的力矩增大来补偿密封，提高了蝶阀的密封性能及延长使用寿命的优点。

本公司生产的蝶阀已广泛应用于石油、化工、天然气、电力、冶金、轻工及给排水工程等行业的管道上，做调解流量和截止介质的阀门。

三偏心蝶阀原理

THREE ECCENTRIC BUTTERFLY VALVE PRINCIPLE

三偏心蝶阀密封原理（见图 1）它的 3 个偏心量分别为 a, b, θ 。其中 a 为轴向偏心，表示蝶板的旋转中心与蝶阀密封截面之间的轴向距离；b 为径向偏心，表示蝶板的旋转中心与阀体中心线之间的径向距离； θ 为角偏心，表示阀座旋转中，以判亏阀体中心线之间的角度。

The sealing principle of three eccentric butterfly valve (see figure 1) has three eccentricities, they're a, b, θ . A is a axial eccentricity, which represents the axial distance between the rotation center of the butterfly plate and the sealing section of butterfly valve. B is the radial eccentricity, represents the radial distance between the rotation center of butterfly plate and the center line of valve body. θ is angular eccentricity, indicates the angle between the center line of seat rotation and the center line of valve body.

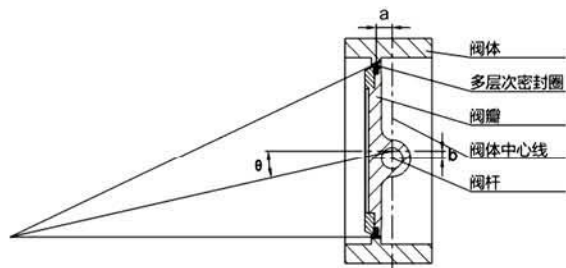


图 1

Butterfly valve is a kind of rotary valve which use disc closure to turn 90° to open and dose the valve. Butterfly valve has the advantages of compact structure, light weight, small space occupy, relatively small resistance, quick opening and closing, etc. As a kind of valve used for the on-off and flow control of pipeline system, butterfly valve is one of the fastest developing valves in recent years.

In addition to the traditional mid-line structure, our company also produce a three-eccentric metal hard seal structure butterfly valve. The body and seat are conjoined components, the surface of the seat seal are welded heat-resistant and corrosion-resistant alloy material, and the disc plate are fixed by multi-layer soft flexible seals, compared with the traditional butterfly valve, it has the advantages of high temperature resistance, light operation, no friction in opening and dosing. When closing the valve, the torque of the transmission mechanism increases to compensate and improve the sealing performance, and prolong the service life of valve.

The butterfly valve produced by our company has been widely used in petroleum, chemical, natural gas, electric power, metallurgy, light industry and water supply drainage, as the valve for regulating flow and cut-off medium.

三偏心蝶阀作用原理（见图 2），当蝶阀处于完全开启状态时，蝶板密封面会完全脱离阀座密封面，并在这两个密封面之间形成一个与双偏心蝶阀相同的间隙 h；由于三个偏心的存在，使蝶板密封面转动轨迹的切线与阀座密封面之间形成 $\beta 1$ 和 $\beta 2$ 角（见图 2），从而使蝶板密封面在开启和关闭时能迅速的脱离或切入阀座密封面，大幅度消除密封面的机械磨损和擦伤。

The action principle of three eccentric butterfly valves (see figure 2), when the butterfly valve is in a fully open state, the seal surface of the butterfly disc will be completely detached from the seal surface of the seat, and there will be a gap h between the two sealing surface like the double eccentric butterfly. Due to the existence of three eccentricities, $\beta 1$ and $\beta 2$ angles are formed between the tangent line of the rotation track of the butterfly disc sealing surface and the seat seal surface (see figure 2), so that the butterfly disc sealing surface can be quickly detached or cut into the seat sealing surface when opening and closing, it greatly eliminate the mechanical wear and abrasion of the sealing surface.

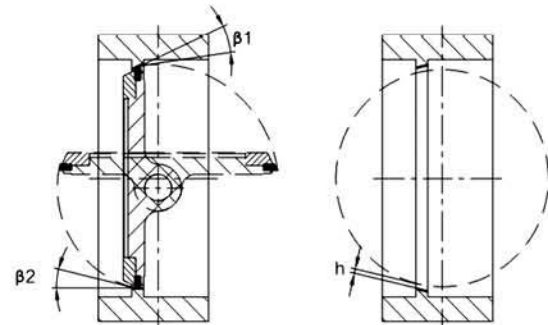
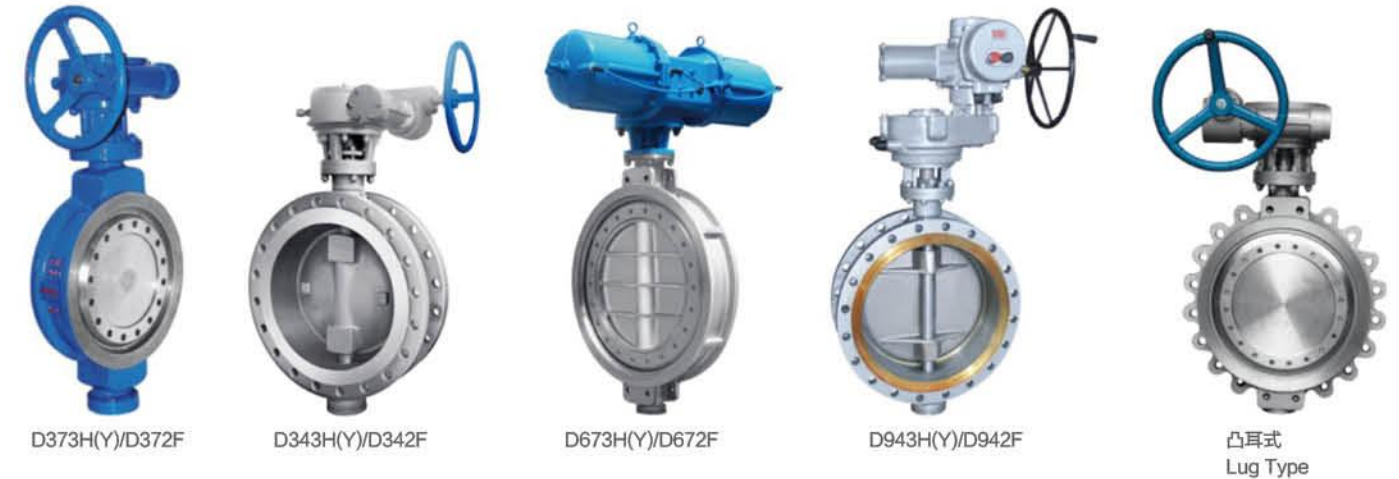


图 2



国标法兰、对夹蝶阀（金属密封、四氟密封）

GB FLANGE, WAFER BUTTERFLY VALVE (METAL SEAT, SOFT SEAT)



- 材质：不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 产品标准

- 设计标准：GB/T 12238
- 结构长度：GB/T 12221
- 连接法兰：GB/T 9113, JB/T 79, HG/T 20592
- 检验标准：GB/T 13927

- PRODUCT STANDARDS

- Design standards: GB/T 12238
- Face to Face: GB/T 12221
- Flange end: GB/T 9113, JB/T 79, HG/T 20592
- Test standards: GB/T 13927

- 性能规范

- 公称压力：PN0.6, 1.0, 1.6, 2.5, 4.0MPa
- 壳体试验：PT0.9, 1.5, 2.4, 3.8, 6.0MPa
- 低压密封试验：0.6MPa
- 适用介质：水、油品、气、醋酸类、硝酸类
- 适用温度：-29℃ ~425℃

- SPECIFICATIONS

- Nominal pressure: PN0.6, 1.0, 1.6, 2.5, 4.0MPa
- Shell test pressure: PT0.9, 1.5, 2.4, 3.8, 6.0MPa
- Low-pressure dosure test: 0.6MPa
- Suitable medium: water, oil, gas, acetic acid, nitric acid
- Suitable temperature: -29℃ ~425℃

- 主要零件材料

FORM OF MAJOR PARTS MATERIALS

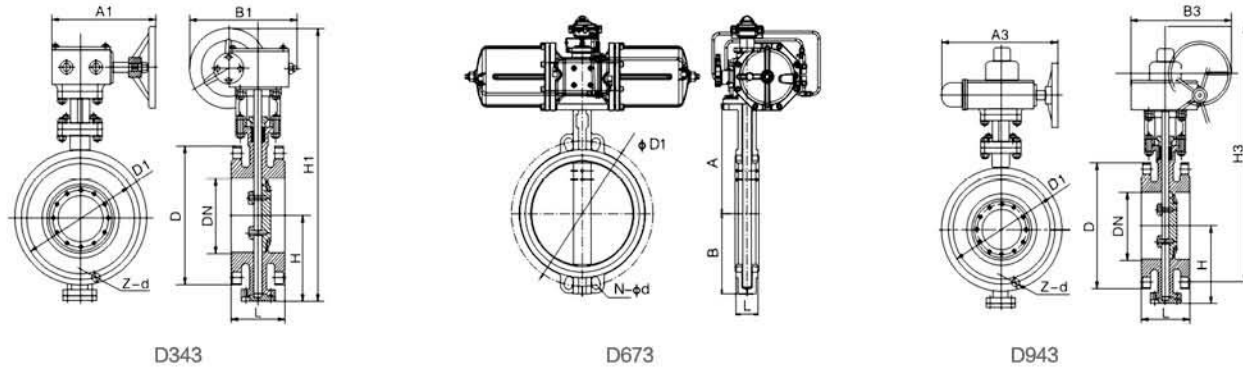
材料名称 Material Name	不锈钢 Stainless steel	
	碳钢 Carbon stel	
阀体 Body	WCB	Cf8 CF8M
蝶板 Disc	WCB	Cf8 CF8M
阀杆 Stem	13Cr	304 316
阀座 Seat Ring	304+ 柔性石墨 / 304+Graphite	304+ 柔性石墨 / 304+Graphite 304+ 柔性石墨 / 304 +Graphite
填料 Packing	柔性石墨 / Graphite	柔性石墨 / Graphite 柔性石墨 / Graphite



国标法兰、对夹蝶阀 (金属密封、四氟密封)

GB FLANGE, WAFER BUTTERFLY VALVE
(METAL SEAT, SOFT SEAT)

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....



$\frac{3}{9} \frac{4}{7} \frac{H}{F}$ C.P.R.V 系列法兰式多层次金属硬密封蝶阀

FLANGE TYPE MULTIPLE LAYERS METALLIC HARD SEALING BUTTERFLY VALVE

公称通径 Nominal diameter	结构长度 (标准值) Structure length (standard)		外形尺寸 (参考值) External dimension(consult)									连接尺寸 (标准值) Connection dimension(standard)						
	短 Brief	长 Long	H	D343			D673			D943			PN0.6MPa			PN1.0MPa		
				H1	A1	B1	L±2	A	B	H3	A3	B3	D	D1	Z-d	D	D1	Z-d
50	108	950	112	350	180	200	43	161	67	530	250	255	140	110	4--14	165	125	4-18
65	112	870	115	370	180	200	46	166	75	530	250	255	160	130	4--14	185	145	4-18
80	114	790	120	380	180	200	46	173	96	565	250	255	190	150	4--18	200	160	8-18
100	127	710	138	420	180	200	52	187	114	600	250	255	210	170	4--18	220	180	8-18
125	140	630	164	460	180	200	56	194	126	640	250	255	240	200	8--18	250	210	8-18
150	140	550	175	555	270	280	56	216	140	705	300	315	265	225	8--18	285	240	8-22
200	152	510	200	760	400	425	60	256	164	775	300	315	320	280	8--18	340	295	8-22
250	165	470	243	830	400	425	68	286	205	945	300	315	375	335	12-18	395	350	12-22
300	178	430	250	895	450	560	78	327	237	1070	300	315	440	395	12-22	445	400	12-22
350	190	390	280	950	450	560	78	348	260	1140	300	315	490	445	12-22	505	460	16-22
400	216	350	305	1190	535	580				1210	300	315	540	495	16-22	565	515	16-26
450	222	330	350	1255	535	580				1335	575	714	595	550	16-22	615	565	20-26
500	229	310	380	1305	535	580				1415	575	714	645	600	20-22	670	620	20-26
600	267	290	445	1340	570	660				1605	656	810	755	705	20-26	780	725	20-30
700	292	270	480	1520	750	550				1844	656	810	860	810	24-26	895	840	24-30
800	318	250	530	1710	750	550				2040	656	810	975	920	24-30	1015	950	24-33
900	330	230	580	1810	750	550				2255	785	863	1075	1020	24-30	1115	1050	28-33
1000	410	210	650	1960	900	750				2380	785	863	1175	1120	28-30	1230	1160	28-36
1200	470	200	760	2250	1000	925				2640	785	863	1405	1340	32-33	1455	1380	32-39
1400	530	190	850	2435	1000	925				2886			1630	1560	36-36	1675	1590	36-42
1600	600	180	1030	2780	1000	925				3156			1830	1760	40-36	1915	1820	40-48
1800	670	170	1230	3020	1100	980				3421			2045	1970	44-39	2115	2020	44-48
2000	760	150	1350	3270	1100	980				3685			2265	2180	48-42	2325	2230	48-48

注: 可提供 2200~3200mm 口径

Note: offer valve that normal diameter can reach to 2200~3200mm



国标法兰、对夹蝶阀 (金属密封、四氟密封)

GB FLANGE, WAFER BUTTERFLY VALVE
(METAL SEAT, SOFT SEAT)

$\frac{3}{9} \frac{4}{7} \frac{H}{F}$ C.P.R.V 系列法兰式多层次金属硬密封蝶阀

FLANGE TYPE MULTIPLE LAYERS METALLIC HARD SEALING BUTTERFLY VALVE

公称通径 Nominal diameter	结构长度 (标准值) Structure length (standard)	外形尺寸 (参考值) External dimension(consult)									连接尺寸 (标准值) Connection dimension(standard)						
		H	D343			D673			D943			PN0.6MPa			PN1.0MPa		
			H1	A1	B1	L±2	A2	B2	H3	A3	B3	D	D1	Z-d	D	D1	Z-d
50	108	112	350	180	200	625	245	72	530	250	255	165	125	4-18	165	125	4-18
65	112	115	370	180	200	625	245	72	530	250	255	185	145	4-18	185	145	8-18
80	114	120	380	180	200	645	245	72	565	250	255	200	160	8-18	200	160	8-18
100	127	138	420	180	200	675	355	92	600	250	255	220	180	8-18	235	190	8-22
125	140	164	460	180	200	715	355	92	640	250	255	250	210	8-18	270	220	8-26
150	140	175	555	270	280	800	355	92	705	300	315	285	240	8-22	300	250	8-26
200	152	200	760	400	425	850	250	170	775	300	315	340	295	12-22	360	310	12-26
250	165	243	830	400	425	925	250	170	945	300	315	405	355	12-26	425	370	12-30
300	178	250	895	450	560	1035	450	220	1070	300	315	460	410	12-26	485	430	16-30
350	190	280	950	450	560	1070	450	220	1140	300	315	520	470	16-26	555	490	16-33
400	216	305	1190	535	580	1190	450	220	1210	300	315	580	525	16-30	620	550	16-36
450	222	350	1255	535	580	1250	650	280	1335	575	714	640	585	20-30	670	600	20-36
500	229	380	1305	535	580	1290	650	280	1415	575	714	715	650	20-33	730	660	20-36
600	267	445	1340	570	660	1455	850	380	1605	656	810	840	770	20-36	845	770	20-39
700	292	480	1520	750	550	1585	850	380	1844	656	810	910	840	24-36	960	875	24-42
800	318	530	1710	750	550	1700	1250	380	2040	656	810	1025	950	24-39	1085	990	24-48
900	330	580	1810	750	550	1865	1250	380	2255	785	863	1125	1050	28-39	1185	1090	28-48
1000	410	650	1960	900	750	2015	1250	380	2380	785	863	1255	1170	28-42	1320	1210	28-56
1200	470	760	2250	1000	925	2250	1250	380	2640	785	863	1485	1390	32-48	1530	1420	32-56
1400	530	850	2435	1000	925				2886			1685	1590	36-48	1755	1640	36-62
1600	600	1030	2780	1000	925				3156			1930	1820	40-56	1975	1860	40-62
1800	670	1230	3020	1100	980				3421			2130	2020	44-56	2195	2070	44-70
2000	760	1350	3270	1100	980				3685			2345	2230	48-62	2425	2300	48-70

$\frac{3}{9} \frac{4}{7} \frac{H}{F}$ C.P.R.V 系列法兰式多层次金属硬密封蝶阀

FLANGE TYPE MULTIPLE LAYERS METALLIC HARD SEALING BUTTERFLY VALVE

公称通径 Nominal diameter	结构长度 (标准值) Structure length (standard)		外形尺寸 (参考值) External dimension(consult)									连接尺寸 (标准值) Connection dimension(standard)					
	短 Brief	长 Long	H	D343			D673			D943			PN0.6MPa				
				H1	A1	B1	L±2	A	B	H3	A3	B3	D	D1	Z-d		
50	108	150	112	350	180	200	625	250	170	530	250	255	165	125	4-18		
65	112	170	115	370	180	200	625	250	170	530	250	255	185	145	8-18		
80	114	180	120	380	180	200	645	250	170	565	250	255	200	160	8-18		
100	127	190	138	420	180	200	675	250	170	600	250	255	235	190	8-22		
125	140	200	164	460	180	200	715	250	170	640	250	255	270	220	8-26		
150	140	210	175	555	270	280	800	250	170	705	300	315	300	250	8-26		
200	152	230	200	760	400	425	850	250	170	775	300	315	375	320	12-30		
250	165	250	243	830	400	425	925	250	170	945	300	315	450	385	12-33		
300	178	270	250	895	450	560	1035	250	170	1070	300	315	515	450	16-33		
350	190	290	280	950	450	560	1070	250	170	1140	300	315	580	510	16-36		
400	216	310	305	1190	535	580	1190	250	170	1210	300	315	660	585	16-39		
450	222	330	350	1255	535	580				1335	575	714	685	610	20-39		
500	229	350	380	1305	535	580				1415	575	714	755	670	20-42		

用户注意: 表中 H1、H2、H3、L 尺寸均可根据用户需要调整, 本产品一般按短系列, 若需长系列或特殊材料定货时提出。

Uses attention: Dimension of H1, H2, H3 in form can lengthen (long stem butterfly valve) according to customers requirements, this product accorring to short senes generaly, if need long series or speaal material should be mentioned while ordennng.



美标法兰、对夹蝶阀 (金属密封、四氟密封)

ANSI FLANGE, WAFER BUTTERFLY VALVE
(METAL SEAT, SOFT SEAT)



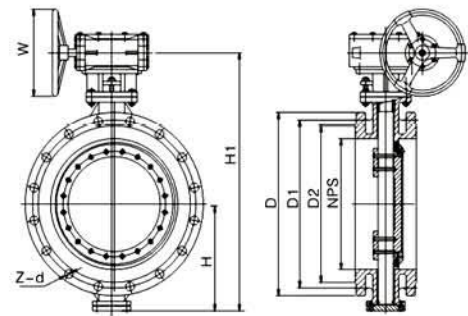
- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等
- 国际标准 +.....

- 产品标准
 - 设计标准: GB/T12238
 - 结构长度: GB/T12221
 - 连接法兰: GB/T 9113, JB/T 79, HG/T 20592
 - 检验标准: GB/T13927

- PRODUCT STANDARDS
 - Design standards: API 609
 - Face to Face: ASME B16.10
 - Flange end: ASME B16.5
 - Test standards: API 598

- 性能规范
 - 公称压力: Class 150/300
 - 劳新本过朗金: PT3.0, 7.5MPa
 - 低压密封试验: 0.6MPa
 - 适用介质: 水、油品、气、醋酸类、硝酸类
 - 适用温度: -29℃ ~425℃

- SPECIFICATIONS
 - Nominal pressure: Class 150/300
 - Shell test pressure: PT3.0, 7.5MPa
 - Low-pressure dosure test: 0.6MPa
 - Suitable medium: water, oil, gas, acetic acid, nrtic acid
 - Suitable medium: -29℃ ~425℃



- 主要零件材料

FORM OF MAJOR PARTS MATERIALS

材料名称 Material Name	碳钢 Carbon stel	不锈钢 Stainless steel	
阀体 Body	WCB	CF8	CF8M
蝶板 Disc	WCB	CF8	CF8M
阀杆 Stem	13Cr	304	316
阀座 Seat Ring	304+ 柔性石墨 / 304+Graphite	304+ 柔性石墨 / 304+Graphite	316+ 柔性石墨 / 316 +Graphite
填料 Packing	柔性石墨 / Graphite	柔性石墨 / Graphite	柔性石墨 / Graphite



美标法兰、对夹蝶阀 (金属密封、四氟密封)

ANSI FLANGE, WAFER BUTTERFLY VALVE
(METAL SEAT, SOFT SEAT)

3/4 H
-D673W-150Lb C.P.R 系列
SERIES

公称通径 Nominal diameter		结构长度 (标准值) Structure length (standard) L		外形尺寸 (参考值) External dimension(consult)				连接尺寸 (标准值) Connection dimension(sta ndani)						
英寸 inch	毫米 mm	英寸 inch	毫米 mm	H		H1		D		D1		D2		Z-d
				英寸 inch	毫米 mm	英寸 inch	毫米 mm	英寸 inch	毫米 mm	英寸 inch	毫米 mm	英寸 inch	毫米 mm	
2"	50	4.25	108	4.33	110	13.58	345	6.00	152	4.75	120.5	3.62	92	4-19
3"	80	4.50	114	4.92	125	14.96	380	7.50	190	6.00	152.5	5.00	127	4-19
4"	100	5.00	127	5.70	145	16.34	415	9.00	229	7.50	190.5	6.19	157	8-19
5"	125	5.50	140	6.50	165	17.91	455	10.00	254	8.50	216	7.32	186	8-22
6"	150	5.50	140	6.89	175	21.45	545	11.00	279	9.50	241.5	8.50	216	8-22
8"	200	6.00	152	8.26	210	24.21	645	13.50	343	11.75	298.5	10.62	270	8-22
10"	250	6.50	165	9.84	250	27.36	695	16.00	406	14.25	362	12.75	324	12-25
12"	300	7.00	178	11.24	285	32.78	830	19.00	483	17.00	432	15.00	381	12-25
14"	350	7.50	190	12.60	320	35.43	900	21.00	533	18.75	476	16.25	413	12-29
16"	400	8.50	216	13.98	355	38.58	980	23.50	597	21.25	540	18.50	470	16-29
18"	450	8.74	222	14.96	380	40.55	1030	25.00	635	22.75	578	21.00	533	16-32
20"	500	9.00	229	16.34	415	43.70	1110	27.50	699	25.00	635	23.00	584	20-32
24"	600	10.50	267	18.70	475	51.37	1305	32.00	813	29.50	749.5	27.25	692	20-35
30"	750	11.50	292	22.38	580	60.03	1525	38.75	985	36.00	914	33.75	857	28-35
32"	800	12.50	318	24.80	630	62.40	1585	41.75	1060	38.50	978	36.00	914	28-42
36"	900	13.00	330	26.77	680	69.48	1765	46.00	1168	42.75	1085	40.25	1022	32-42

3/4 H
-D673W-300Lb C.P.R 系列
SERIES

公称通径 Nominal diameter		结构长度 (标准值) Structure length (standard) L		外形尺寸 (参考值) External dimension(consult)				连接尺寸 (标准值) Connection dimension(sta ndani)						
英寸 inch	毫米 mm	英寸 inch	毫米 mm	H		H1		D		D1		D2		Z-d
				英寸 inch	毫米 mm	英寸 inch	毫米 mm	英寸 inch	毫米 mm	英寸 inch	毫米 mm	英寸 inch	毫米 mm	
3"	80	7.09	180	5.35	136	14.76	375	8.27	210	6.63	168.5	5.00	127	8-22
4"	100	7.48	190	6.42	163	16.93	430	10.04	255	7.87	200	6.20	157.5	8-22
5"	125	7.87	200	6.69	170	18.27	464	11.02	280	9.25	235	7.32	186	8-22
6"	150	8.27	210	6.93	176	18.94	481	12.60	320	10.63	270	8.50	216	12-22
8"	200	9.06	230	8.70	221	23.94	608	14.96	380	12.99	330	10.63	270	12-26
10"	250	9.84	250	10.55	268	26.42	671	17.52	445	15.26	387.5	12.76	324	16-29.5
12"	300	10.63	270	11.46	291	30.47	774	20.47	520	17.76	451	15.00	381	16-32.5
14"	350	11.42	290	13.19	335	34.92	887	23.03	585	20.26	514.5	16.26	413	20-32.5
16"	400	12.20	310	14.06	357	37.52	953	25.59	650	22.50	571.5	18.50	470	20-35.5
18"	450	12.99	330	15.75	400	40.51	1029	27.95	710	24.74	628.5	21.00	533.5	20-35.5
20"	500	13.78	350	16.85	428	45.59	1158	28.15	715	27.01	686	22.99	584	24-35.5
24"	600	15.35	390	19.69	500	51.26	1302	36.02	915	32.01	813	27.24	692	24-42
28"	700	16.93	430	21.22	539	55.63	1413	36.26	921	33.74	857	30.98	787	36-35.5
32"	800	18.50	470	24.53	623	63.03	1601	41.50	1054	38.50	978	35.51	902	32-42
36"	900	20.08	510	25.55	649	66.06	1678	46.14	1172	42.87	1089	39.76	1010	32-45
40"	1000	21.65	550	28.39	721	72.60	1844	50.12	1273	46.89	1191	44.06	1119	40-45

对夹、法兰衬胶蝶阀

WAFER, FLANGE TYPE RUBBER
LINED BUTTERFLY VALVE



- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

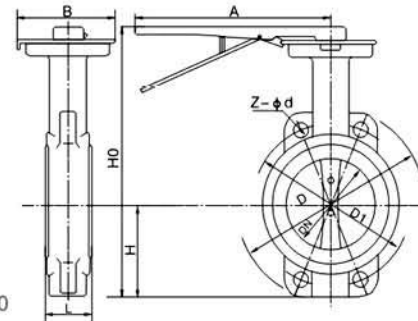
- 国际标准 +.....

- 产品标准

- 设计标准: GB/T12238, API609
- 结构长度: GB/T12221, ASME B16.10
- 连接法兰: GB/T 9113, JB/T 79, HG/T 20592 ASME B16.5
- 检验标准: GB/T13927, API598

- PRODUCT STANDARDS

- Design standards: GB/T12238, API609
- Face to Face: GB/T12221, ASME B16.10
- Flange end: GB/T 9113, JB/T 79, HG/T 20592 ASME B16.5
- Test standards: GB/T13927, API598



- 性能规范

- 公称压力: PN0.6, 1.0, 1.6MPa, Class 150
- 壳体试验: PT0.9, 1.5, 2.4, 3.0MPa
- 低压密封试验: 0.6MPa
- 适用介质: 水、油品、气、醋酸类、硝酸类
- 适用温度: -20℃ ~80℃

- SPECIFICATIONS

- Nominal pressure: PN0.6, 1.0, 1.6MPa, Class 150
- Shell test pressure: PT0.9, 1.5, 2.4, 3.0MPa
- Low-pressure dosure test: 0.6MPa
- Suitable medium: water, oil, gas, acetic acid, nitric acid
- Suitable temperature: -20℃ ~80℃

- 主要零件材料

FORM OF MAJOR PARTS MATERIALS

材料名称 Material Name	碳钢 Carbon stel		不锈钢 Stainless steel	
	WCB	CF8	CF8	CF8M
阀体 Body	WCB	CF8	CF8	CF8M
蝶板 Disc	WCB	CF8	CF8	CF8M
阀杆 Stem	13Cr	304	304	316
阀座 Seat Ring	EPDM	EPDM	EPDM	EPDM
填料 Packing	PTFE	PTFE	PTFE	PTFE

对夹、法兰衬胶蝶阀

WAFER, FLANGE TYPE RUBBER
LINED BUTTERFLY VALVE

$\frac{3}{4}$ D671F-6/10/16/150Lb C.P.R 系列
SERIES

公称通径 Nominal diameter		结构长度 (标准值) Structure length (standard)	外形尺寸 (参考值) External dimension(consult)		连接尺寸 Connection dimension							
					PN6		PN10		PN16		150LB	
英寸 inch	毫米 mm	L	H	H1	D1	Z-d	D1	Z-d	D1	Z-d	D1	Z-d
2"	50	43	63	306	110	4-14	125	4-18	125	4-18	120.5	4-19
2 1/2"	65	46	70	321	130	4-14	145	4-18	145	4-18	139.7	4-19
3"	80	46	83	346	150	4-18	160	8-18	160	8-18	152.5	4-19
4"	100	52	105	387	170	4-18	180	8-18	180	8-18	190.5	8-19
5"	125	56	115	411	200	8-18	210	8-18	210	8-18	216	8-22
6"	150	56	137	447	225	8-18	240	8-22	240	8-23	241.5	8-22
8"	200	60	164	572	280	8-18	295	8-22	295	12-23	298.5	8-22
10"	250	68	206	646	335	12-18	350	12-22	355	12-25	362	12-25
12"	300	78	230	738	395	12-22	400	12-22	410	12-25	432	12-25
14"	350	78	248	761	445	12-22	460	16-22	470	16-25	476	12-29
16"	400	102	289	877	495	16-22	515	16-26	525	16-30	540	16-29
18"	450	114	320	938	550	16-22	565	20-26	585	20-30	578	16-32
20"	500	127	343	993	600	20-22	620	20-26	650	20-34	635	20-32
24"	600	154	413	1131	705	20-26	725	20-30	770	20-41	749.5	20-35
28"	700	165	478	1476	810	24-26	840	24-30	840	24-41	914	28-35
32"	800	190	525	1533	920	24-30	950	24-33	950	24-41	978	28-42
36"	900	203	585	1655	1020	24-30	1050	28-33	1050	28-41	1085	32-42
40"	1000	216	640	1765	1120	28-30	1160	28-36	1170	28-48	1200	36-42
48"	1200	254	755	1995	1340	32-33	1380	32-39	1390	32-54	1422.5	44-42

$\frac{3}{4}$ D671F-6/10/16/150Lb C.P.R 系列
SERIES

公称通径 Nominal diameter		结构尺寸 Dimension			PN10			PN16			150L B			安装驱动尺寸 Dimension For Assembly Actuator		
					ΦD1	ΦD2	N-Φd	ΦD1	ΦD2	N-Φd	D	D1	Z-Φd	ΦD4	ΦD5	n-Φd1
英寸 inch	毫米 mm	A	B	H+4	ΦD1	ΦD2	N-Φd	ΦD1	ΦD2	N-Φd	D	D1	Z-Φd	ΦD4	ΦD5	n-Φd1
2"	DN50	120	80	108	165	125	4-Φ19	165	125	4-Φ19	150	120.7	4-Φ19	Φ77	Φ57	4-Φ8
2 1/2"	DN65	145	75	112	185	145	4-Φ19	185	145	4-Φ19	180	139.7	4-Φ19	Φ77	Φ57	4-Φ8
3"	DN80	130	90	114	200	160	8-Φ19	200	160	8-Φ19	190	152.4	4-Φ19	Φ77	Φ57	4-Φ8
4"	DN100	165	115	127	220	180	8-Φ19	220	180	8-Φ19	230	190.5	8-Φ19	Φ90	Φ70	4-Φ10
5"	DN125	180	110	140	250	210	8-Φ19	250	210	8-Φ19	255	215.9	8-Φ22	Φ90	Φ70	4-Φ10
6"	DN150	190	150	140	285	240	8-Φ23	285	240	8-Φ23	280	241.3	8-Φ22	Φ90	Φ70	4-Φ10
8"	DN200	240	160	152	340	295	8-Φ23	340	295	12-Φ23	345	298.5	8-Φ22	Φ115	Φ89	4-Φ14
10"	DN250	260	195	165	395	350	12-Φ23	405	355	12-Φ28	405	362	12-Φ25	Φ115	Φ89	4-Φ14
12"	DN300	300	220	178	445	400	12-Φ23	460	410	12-Φ28	485	431.8	12-Φ25	Φ140	Φ108	4-Φ14
14"	DN350	330	245	190	505	460	16-Φ23	520	470	16-Φ28	535	476.3	12-Φ29	Φ140	Φ108	4-Φ14
16"	DN400	370	267	216	565	515	16-Φ28	580	525	16-Φ31	595	539.8	16-Φ29	Φ197	Φ159	4-Φ21
18"	DN450	400	300	222	615	565	20-Φ28	640	585	20-Φ31	635	577.9	16-Φ32	Φ197	Φ159	4-Φ21
20"	DN500	500	390	229	670	620	20-Φ28	715	650	20-Φ34	700	635	20-Φ32	Φ197	Φ159	4-Φ21
24"	DN600	522	413	267	780	725	20-Φ31	840	770	20-Φ37	815	749.3	20-Φ35	Φ276	Φ216	4-Φ22
28"	DN700	570	480	292	895	840	24-Φ31	910	840	24-Φ37	925	863.6	28-Φ35	Φ300	Φ254	8-Φ18
32"	DN800	630	515	318	1015	950	24-Φ34	1025	950	24-Φ40	1060	977.9	28-Φ41	Φ300	Φ254	8-Φ18



国标、德标法兰过滤器

GB, DIN FLANGED STRAINERS

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 产品概述

过滤器是输送介质管道上不可缺少的一种装置。过滤器由阀体、滤网、排污部分组成。待处理的介质经过过滤器的滤网后，其杂质被阻挡，以此来保护减压阀、泄压阀、定水位阀和水泵等管道设备，以达到正常运转。本公司生产的Y型过滤器可带有排污口，安装时Y型口朝下，管道内杂物会收集到过滤器网内排污口上，不需拆卸过滤器任何部件来排除污物，只需打开排污口即可排污。当需要清洗时，只要将可拆卸的滤网取出，处理后重新装入即可，因此，使用维护极为方便。

- PRODUCT OVERVIEW

Strainer is an indispensable device for medium pipeline. The strainer consists of valve body, screen filter, and drain part. When the medium passes through the screen filter of the strainer, the impurities are blocked by the screen to protect the other pipeline equipment such as pressure relief valve, fixed water level valve, and pump to achieve normal operation. The Y-type strainer produced by our company has sewage drain outlet, when installing, the Y-port need to be downward, the sundries and impurities will be collected by the sewage drain outlet in the filter screen, it can be sewerage only by opening the drain port, don't need to remove any parts of the strainer. When clean the strainer, only need to take out the screen filter and clean it, then reload it, the maintenance is very easy.



- 产品标准

- 连接法兰: GB/T 9113, JB/T 79, HG/T 20529, EN 1092
- 检验标准: GB/T 13927, API 598

- PRODUCT STANDARDS

- Flange end: GB/T 9113, JB/T 79, HG/T 20529, EN 1092
- Test standards: GB/T 13927, API 598

- 产品标准

- 公称压力: PN1.6, 2.5MPa
- 壳体试验: PT2.4, 3.8MPa
- 适用介质:
SY41-(16-25)C 水、油品、气
SY41-(16-25)P 硝酸类
SY41-(16-25)R 醋酸类
- 适用温度: -29C~425C

- PRODUCT STANDARDS

- Nominal pressure: PN1.6, 2.5MPa
- Shell test pressure: PT2.4, 3.8MPa
- Suitable medium:
SY41-(16-25)C Water, Oil, Gas
SY41-(16-25)P Nitric acid,
SY41-(16-25)R Acetic acid
- Suitable temperature: -29C~425C

- 主要零件材料

FORM OF MAJOR PARTS MATERIALS

材料名称 Material Name	SY41-(16-25)C	SY41-(16-25)P	SY41-(16-25)R
阀体 Body	WCB	ZG1Cr18Ni9Ti, CF8	ZG1Cr18Ni12Mo2Ti, CF8M
阀盖 Bonnet	WCB	ZG1Cr18Ni9Ti, CF8	ZG1Cr18Ni12Mo2Ti, CF8M
过滤网 Mesh	1Cr18Ni9Ti, 304	1Cr18Ni9Ti, 304	1Cr18Ni12Mo2Ti, 316
垫片 Gasket	聚四氟乙烯 / 钢带石墨缠绕 Polytetrafluorethylene(PTFE) / Stainless steel and graphite spiral wound		



国标、德标法兰过滤器

GB, DIN FLANGED STRAINERS

SY41-(16-25)P、R、C

- 主要外形尺寸

MAIN OUTER SIZE

PN16

DN	d	L	D		D1	D2	C		t	n-φb	
			JB/T 79	HG/T 20592			JB/T 79	HG/T 2059		JB/T 79	HG/T 20592
15	15	130	95	95	65	45	14	16	2	4-φ14	4-φ14
20	20	140	105	105	75	55	14	18	2	4-φ14	4-φ14
25	25	150	115	115	85	65	14	18	2	4-φ14	4-φ14
32	32	170	135	140	100	78	16	18	2	4-φ18	4-φ18
40	38	200	145	150	110	85	16	18	3	4-φ18	4-φ18
50	50	220	160	165	125	100	16	18	3	4-φ18	4-φ18
65	64	252	180	185	145	120	18	18	3	4-φ18	8-φ18
80	76	280	195	200	160	135	20	20	3	8-φ18	8-φ18
100	100	320	215	220	180	155	20	20	3	8-φ18	8-φ18
125	125	350	245	250	210	185	22	22	3	8-φ18	8-φ18
150	150	400	280	285	240	212	24	22	2	8-φ23	8-φ22
200	200	485	335	340	295	268	26	24	2	12-φ23	12-φ22
250	300	550	405	405	355	320	30	26	2	12-φ25	12-φ26
300	350	610	460	460	410	378	30	28	2	12-φ25	12-φ26
350	400	680	520	520	470	428	34	30	2	16-φ25	16-φ26
400	450	780	580	580	525	490	36	32	2	16-φ30	16-φ30
450	500	850	640	640	585	550	40	40	2	20-φ30	20-φ30
500	1000	900	705	715	650	610	44	44	2	20-φ34	20-φ33

PN25

DN	d	L	D		D1	D2	C		t	n-φb	
			JB/T 79	HG/T 20592			JB/T 79	HG/T 2059		JB/T 79	HG/T 20592
15	15	130	95	95	65	45	16	16	2	4-φ14	4-φ14
20	20	140	105	105	75	55	16	18	2	4-φ14	4-φ14
25	25	150	115	115	85	65	16	18	2	4-φ14	4-φ14
32	32	170	135	135	100	78	18	18	2	4-φ18	4-φ18
40	38	200	145	145	110	85	18	18	3	4-φ18	4-φ18
50	50	220	160	160	125	100	20	20	3	4-φ18	4-φ18
65	64	252	180	180	145	120	22	22	3	4-φ18	4-φ18
80	76	280	195	195	160	135	22	24	3	8-φ23	8-φ22
100	100	320	230	230	190	160	24	24	3	8-φ25	8-φ26
125	125	350	270	270	220	188	28	26	3	8-φ25	8-φ26
150	150	400	300	300	250	218	30	28	2	8-φ25	8-φ26
200	200	485	360	360	310	278	34	30	2	12-φ30	12-φ30
250	300	550	425	425	370	335	36	32	2	12-φ30	12-φ30
300	350	610	485	485	490	395	40	34	2	12-φ30	12-φ33
350	400	680	550	555	550	450	44	38	2	16-φ34	16-φ36
400	450	780	610	620	600	505	48	40	2	16-φ34	16-φ36
450	500	850	660	670	660	555	50	46	2	20-φ34	20-φ36
500	1000	900	730	730	650	615	52	48	2	20-φ41	20-φ36



美标、日标法兰过滤器

ANSI, JIS FLANGED STRAINERS

SY41-(150LB~300LB、10K~20K)P、R、C

- 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

- 国际标准 +.....

- 产品标准

- 连接法兰: ASME B16.5
- 检验标准: API 598

- PRODUCT STANDARDS

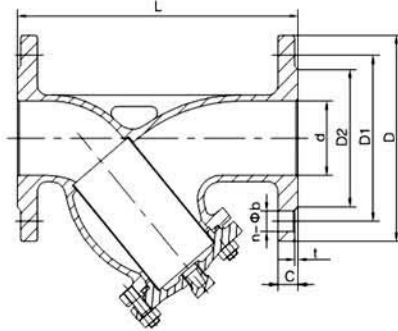
- Flange end: ASME B16.5
- Test standards: API 598

- 产品标准

- 公称压力: CL ASS150/300
- 壳体试验: PT1.5PN
- 适用介质:
SY41-(150-300LB)C 水、油品、气
SY41-(150-300LB)P 硝酸类
SY41-(150-300LB)R 醋酸类
- 适用温度: -29℃ -425℃

- PRODUCT STANDARDS

- Nominal pressure: CL ASS150/300
- Shell test pressure: PT1.5PN
- Suitable medium:
SY41-(150-300LB)C Water, Oil, Gas
SY41-(150-300LB)P Nitric acid
SY41-(150-300LB)R Acetic acid
- Suitable temperature: -29℃ -425℃



- 主要零件材料

FORM OF MAJOR PARTS MATERIALS

材料名称 Material Name	SY41-(150-300LB)C	Sy41-(150-300LB)P	Sy41-(150-300LB)R
阀体 Body	WCB	ZG1Cr18Ni9Ti, CF8	ZG1Cr18Ni12Mo2Ti, CF8
阀盖 Bonnet	WCB	ZG1Cr18Ni9Ti, CF8	MZG1Cr18Ni12Mo2Ti, CF8M
过滤网 Mesh	ICr18Ni9Ti, 304	ICr18Ni9Ti, 304	1Cr18Ni12Mo2Ti, 316
垫片 Gasket	聚四氟乙烯 / 钢带石墨缠绕 Polytetrafluorethylene(PTFE) / Stainless steel and graphite spiral wound		

- 主要外形尺寸

MAIN OUTER SIZE

NPS	Class150							
	d	L	D	D1	D2	C	t	n-φb
1/2"	15	130	90	60.3	34.9	10	2	4-φ16
3/4"	20	140	100	69.9	42.9	11	2	4-φ16
1"	25	150	110	79.4	50.8	12	2	4-φ16
1 1/4"	32	170	115	88.9	63.5	13	2	4-φ16
1 1/2"	38	200	125	98.4	73	15	2	4-φ16
2"	50	220	150	120.7	92.1	16	2	4-φ19
2 1/2"	64	252	180	139.7	104.8	18	2	4-φ19
3"	76	280	190	152.4	127	19	2	4-φ19
4"	100	320	230	190.5	157.2	24	2	8-φ19
5"	125	350	255	215.9	185.7	24	2	8-φ22
6"	150	400	280	241.3	215.9	26	2	8-φ22
8"	200	485	345	298.5	269.9	29	2	8-φ22
10"	250	550	405	362	323.8	31	2	12-φ25
12"	300	610	485	431.8	381	32	2	12-φ25
14"	350	680	535	476.3	412.8	35.5	2	12-φ29
16"	400	780	595	539.8	469.9	37	2	16-φ29
18"	450	850	635	577.9	533.4	40.1	40	16-φ32
20"	500	900	700	635	584.2	43.3	44	20-φ32



美标、日标法兰过滤器

ANSI, JIS FLANGED STRAINERS

SY41-(150LB~300LB、10K~20K)P、R、C

- 主要外形尺寸

MAIN OUTER SIZE

NPS	Class300							
	d	L	D	D1	D2	C	t	n-φb
1/2"	15	125	95	66.7	34.9	15	2	4-φ16
3/4"	20	145	115	82.6	42.9	16	2	4-φ19
1"	25	160	125	88.9	50.8	18	2	4-φ19
1 1/4"	32	180	135	98.4	63.5	19	2	4-φ19
1 1/2"	38	200	155	114.3	73	21	2	4-φ22
2"	50	270	165	127	92.1	23	2	8-φ19
2 1/2"	64	300	190	149.2	104.8	26	2	8-φ22
3"	76	320	210	168.3	127	29	2	8-φ22
4"	100	360	255	200	157.2	32	2	8-φ22
6"	150	445	320	269.9	215.9	37	2	12-φ22
8"	200	590	380	330.2	269.9	42	2	12-φ25
10"	250	615	445	387.4	323.8	48	2	16-φ29
12"	300	820	520	450.8	381	51	2	16-φ32
14"	350	750	585	514.4	412.8	54.5	2	20-φ32
16"	400	850	650	571.5	469.9	57.5	2	20-φ35

DN	10K							
	d	L	D	D1	D2	C	t	n-φb
15A	15	130	95	70	51	12	1	4-φ16
20A	20	140	100	75	56	14	1	4-φ15
25A	25	150	125	90	67	14	1	4-φ15
32A	32	170	135	100	76	16	2	4-φ19
40A	38	200	140	105	81	16	2	4-φ19
50A	50	220	155	120	96	16	2	4-φ19
65A	64	252	175	140	116	18	2	4-φ19
80A	76	280	185	150	126	18	2	8-φ19
100A	100	320	210	175	151	18	2	8-φ19
125A	125	350	250	210	182	20	2	8-φ23
150A	150	400	280	240	212	22	2	8-φ23
200A	200	485	330	290	262	22	2	12-φ23
250A	250	550	400	355	324	24	2	12-φ25
300A	300	610	445	400	368	24	3	16-φ25
350A	350	680	490	445	413	26	3	16-φ25
400A	400	780	560	510	475	28	3	16-φ27
450A	450	850	620	565	530	30	3	20-φ27
500A	500	900	675	620	585	30	3	20-φ27

DN	10K							
	d	L	D	D1	D2	C	t	n-φb
15A	15	125	95	70	51	14	1	4-φ15
20A	20	145	100	75	56	16	1	4-φ15
25A	25	160	125	90	67	16	1	4-φ19
32A	32	180	135	100	76	18	2	4-φ19
40A	38	200	140	105	81	18	2	4-φ19
50A	50	270	155	120	96	18	2	8-φ19
65A	64	300	175	140	116	20	2	8-φ19
80A	76	320	200	160	132	22	2	8-φ23
100A	100	360	225	185	160	24	2	8-φ23
150A	150	445	305	260	230	28	2	12-φ25
200A	200	590	350	305	275	30	2	12-φ25
250A	250	615	430	380	345	34	2	12-φ27
300A	300	820	480	430	395	36	3	16-φ27
350A	350	750	540	480	440	40	3	16-φ33
400A	400	850	605	540	495	46	3	16-φ33