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INDUSTRIAL VALVES · CATALOGUE 2026

Flow under control

Ball, gate, globe, check, butterfly and sanitary valves from verified manufacturers in Wenzhou — China's largest valve-making cluster. Specification, factory testing, EU documents and delivery to your warehouse.



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梦想 · 相信 · 实现

DREAM · BELIEVE · ACHIEVE

2026

Valves from Wenzhou, delivered to your specification

Wenzhou is one of China's largest valve-manufacturing clusters, and our office is here. China2EU finds the right factory for your specification, checks samples and production, organises pressure testing and ships to Europe — one partner from the first enquiry to your warehouse.

1 Specification

Medium, pressure class (PN / Class), temperature, size (DN), connection type, body and seal materials, standards required in your market.

2 Factory selection

We shortlist Wenzhou manufacturers that actually produce the valve type you need and visit them: machining, casting sources, test benches.

3 Samples and documents

Samples for approval; material certificates (EN 10204 3.1 on request); declarations and approvals for your market — PED 2014/68/EU where applicable, drinking-water approvals where required.

4 Testing before shipment

Shell and seat leak tests on the production batch (e.g. EN 12266-1 / API 598 as agreed); marking, dimensions and packing checked before loading.

5 Delivery

Consolidation with other goods, export documents and shipping by sea, rail or air to your warehouse.

WHY WENZHOU

Hundreds of valve factories, foundries and machining shops are concentrated around Wenzhou, so parts, castings and test equipment are close at hand. The difference between factories is large — which is why we visit, compare and test instead of buying from a catalogue. The ranges in this catalogue come from manufacturers we work with directly.

How to use this catalogue. Each page shows the design standard, materials, pressure-temperature data and main dimensions of a valve series. Send us the series, size, pressure class and quantity — or simply your own specification — to info@china2eu.tech, and we will come back with suitable manufacturers, lead times and prices.

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Dimensions and pressure ratings are given according to the manufacturers' standard designs (ASME/ANSI, API, DIN/EN, GB, JIS where indicated). Other sizes, materials and connections are available on request. Specifications may change without notice – final data are confirmed in the quotation.

BALL VALVE (FLANGED, WAFER) SERIES



(法兰、对夹) 球阀系列



BALL VALVE OVERVIEW AND STRUCTURAL FEATURES

球阀概述与结构特性

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。球阀具有流阻力小，密封性好，开关迅捷，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，产生上游端密封。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 close 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 closing operation. Generally, there are floating ball valves,

fixed ball valves, multi-channel ball valves, V ball valves, clamp 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.



FIXED FLANGED BALL VALVE

固定式法兰球阀

Q647F_Y-(16~320, 150LB~2500LB, 10K~40K) PRC

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/ANSI B16.10/GB12221
- 试验与检验: API6D/API 598/GB 26480 GB 13927/ISO 5208

DESIGN STANDARDS

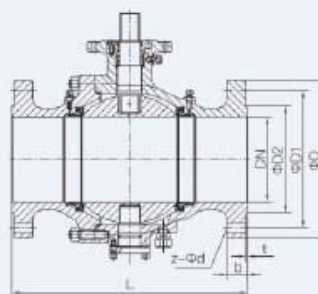
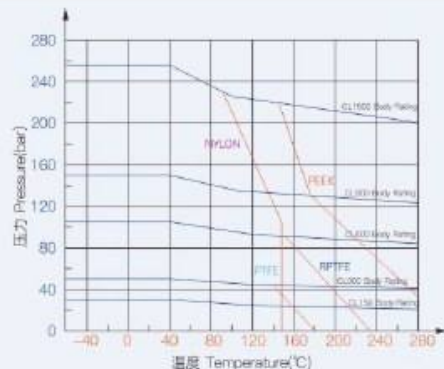
- Design and manufacturing specification: API6D/BS 5351/ISO 17292 GB 12237
- Structure length: API6D/ANSI B16.10/GB12221
- Test and inspection: API6D/API 598/GB 26480 GB 13927/ISO 5208

性能规范

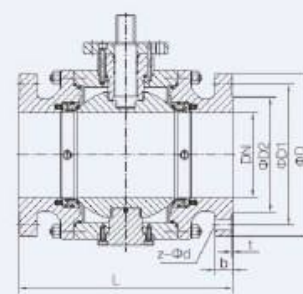
- 公称压力: (1.6~32)MPa, (150~2500)LB, (10~40) K
- 壳体强度试验: PT 1.5PN
- 高压密封试验: PT 1.1PN
- 气密封试验: 0.6 MPa

SPECIFICATIONS

- Nominal pressure: (1.6~32)MPa, (150~2500)LB, (10~40)K
- Shell test: PT 1.5PN
- High pressure seal test: PT 1.1PN
- gas seal test: 0.6 MPa



两片式
2pc Ball Valve



三片式
3pc Ball Valve

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	密封材料 Sealing material		弹簧 Spring	填料 Gland Packing
					软密封 Soft seal	硬密封 Metal seal		
碳钢 Carbon steel	A216 WCB/A105	A216 WCB/A105	A182 F304/F316/A105	A276 304/316/410	PTFE/ RPTFE/ PEEK/ Nylon	Ni60/ STL/ 碳化钨/ 碳化铬 Ni60/ STL/ tungsten carbide/ chromium carbide	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				
双相钢 Dual phase steel	A995 4A/5A	A995 4A/5A	2205/2507	2205/2507				
钛 Ti	ZTA1/ZTA2/ZTA10	ZTA1/ZTA2/ZTA10	TA1/TA2/TA10/TC4	TA1/TA2/TA10/TC4				
镍 Nickel	哈氏合金	哈氏合金	哈氏合金	哈氏合金				
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				

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	241	200	160	138	20	2	8-Φ18
100	280/305	220	180	158	20	2	8-Φ18
125	356	250	210	188	22	2	8-Φ18
150	394	285	240	212	22	2	8-Φ22
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	62	2	24-Φ36
800	1372	1025	950	900	72	2	24-Φ39
900	1524	1125	1050	1000	82	2	28-Φ39
1000	1900	1255	1170	1115	92	2	28-Φ42

国标(GB): PN25

公称通径 DN	L	D	D1	D2	b	f	n-Φd
80	241	200	160	138	24	2	8-Φ18
100	280/305	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	62	2	24-Φ42
800	1372	1085	990	930	72	2	24-Φ48
900	1524	1185	1090	1030	82	2	28-Φ48
1000	1900	1320	1210	1140	92	2	28-Φ55

国标(GB): PN40

公称通径 DN	L	D	D1	D2	b	f	n-Φd
80	241/310	200	160	138	24	2	8-Φ18
100	280/350	235	190	162	24	2	8-Φ22
125	356/381	270	220	188	26	2	8-Φ26
150	394/403	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	62	2	20-Φ42
600	1143	890	795	735	72	2	20-Φ48

国标(GB): PN63

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): PN100

公称通径 DN	L	D	D1	D2	b	f	n-Φd
80	356	230	180	138	36	2	8-Φ26
100	432	265	210	162	40	2	8-Φ30
125	508	315	250	188	40	2	8-Φ33
150	559	355	290	218	44	2	12-Φ33
200	660	430	360	285	52	2	12-Φ36
250	787	505	430	345	60	2	12-Φ39
300	838	585	500	410	68	2	16-Φ42
350	889	655	560	465	74	2	16-Φ48
400	991	715	620	535	78	2	16-Φ48

国标(GB): PN160

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

FLOATING FLANGE BALL VALVE

浮动式法兰球阀

Q641F-(16-320、150LB-2500LB、10K-40K)R³₉^P_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 + ...



高平台
ISO High Mount Pad

设计标准

- 设计制造: GB/T 12237、ASME B16.34、API 608、API 6D
- 连接法兰: HG/T 20592、JB/T 79、ASME B16.5、JIS B2220、EN 1092-1
- 结构长度: GB/T 12221、ASME B16.10、EN 558-1
- 检验与试验: GB/T 26480、GB/T 13927、API 598、API 6D

DESIGN STANDARDS

- Design and manufacture: GB/T 12237, ASME B16.34, API 608, API 6D
- Connection flange: HG/T 20592, JB/T 79, ASME B16.5, JIS B2220, EN 1092-1
- Structure length: GB/T 12221, ASME B16.10, EN 558-1
- Inspection and test: GB/T 26480, GB/T 13927, API 598, API 6D

性能规范

- 公称压力: (1.6-32)MPa, (150-2500)LB, (10-40)K
- 壳体强度试验: PT 1.5PN
- 高压密封试验: PT 1.1PN
- 气密封试验: 0.6 MPa

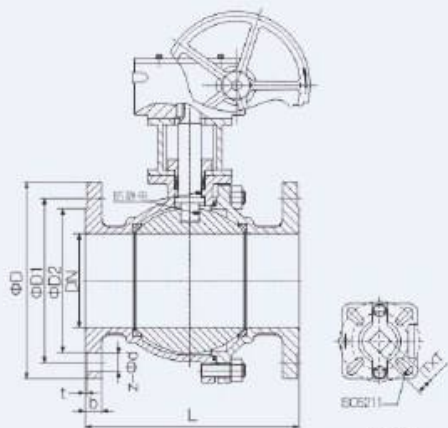
SPECIFICATIONS

- Nominal pressure: (1.6-32)MPa, (150-2500)LB, (10-40)K
- Shell test: PT 1.5PN
- High pressure seal test: PT 1.1PN
- Gas seal test: 0.6 MPa

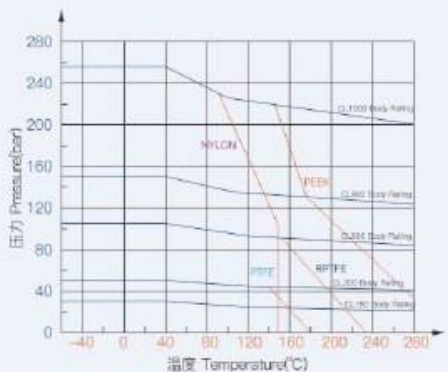
主要零件材料

MAIN PARTS AND MATERIALS

材料名称 Material Name		碳钢 Carbon steel	不锈钢 Stainless steel		双相钢 Dual phase steel	钛 Ti	镍 Nickel
阀体 Body		WCB、A105	CF8、CF3	CF8M、CF3M	4A/5A	ZTA1/ZTA2 /ZTA10	哈氏合金
阀盖 Bonnet		WCB、A105	CF8、CF3	CF8M、CF3M	4A/5A	ZTA1/ZTA2 /ZTA10	哈氏合金
球体 Ball		304	304	316	2205/2507	TA1/TA2 /TA10/TC4	哈氏合金
阀杆 Stem		304	304	316	2205/2507	TA1/TA2 /TA10/TC4	哈氏合金
密封材料 Sealing material	软密封 Soft seal	PTFE/RPTFE/PEEK/Nylon					
	硬密封 Metal seal	Ni60/STL/碳化钨/碳化铬 Ni60/STL/tungsten carbide/chromium carbide					
填料 Gland Packing		PTFE/柔性石墨 PTFE / Flexible Graphite					
压盖 Gland		WCB、A105	CF8				



高平台
ISO High Mount Pad



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			JB/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	8-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-Φ22		
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			JB/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			JB/T 79	HG/T 20592		JB/T 79	HG/T 20592
15	130/140	95	95	65	45	16	16	2	4-Φ14	4-Φ14
20	130/152	105	105	75	55	16	18	2	4-Φ14	4-Φ14
25	140/165	115	115	85	65	16	18	2	4-Φ14	4-Φ14
32	165/178	135	140	100	78	18	18	2	4-Φ18	4-Φ18
40	165/190	145	150	110	85	18	18	2	4-Φ18	4-Φ18
50	203/216	160	165	125	100	20	20	2	4-Φ18	4-Φ18
65	222/241	180	185	145	120	22	22	2	8-Φ18	8-Φ18
80	241/283	195	200	160	135	22	24	2	8-Φ18	8-Φ18
100	280/305	230	235	190	160	24	24	2	8-Φ22	8-Φ22
125	320/381	270	270	220	188	28	26	2	8-Φ26	8-Φ26
150	360/403	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

THREE WAY FLANGE BALL VALVE

三通法兰球阀

Q45F-(16-40、150LB-300LB、10K-20K) $\frac{P}{R}$
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

- 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
- 连接法兰: GB/T 9113 JB 79 ASME B16.5
- 试验与检验: GB/ T 26480 API598

DESIGN STANDARDS

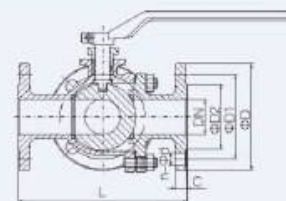
- Design and Manufacturing: GB ANSI
- Design standards: GB/T 12237, ASME B16.34
- Structure length: GB/T 12221
- Connection flange: GB/T 9113 JB 79 ASME B16.5
- Test and Inspection: GB/ T 26480 API598

性能规范

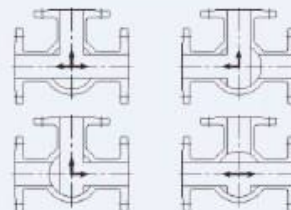
- 公称压力: (1.6~4.0)MPa, (150~300)LB, (10~20)K
- 壳体强度试验: PT 1.5PN
- 高压密封试验: PT 1.1PN
- 气密封试验: 0.6 MPa

SPECIFICATIONS

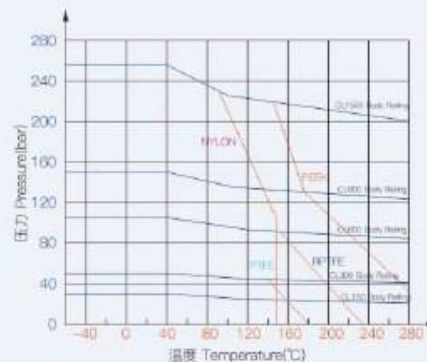
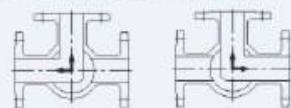
- Nominal pressure: (1.6~4.0)MPa, (150~300)LB, (10~20)K
- Shell test: PT 1.5PN
- High pressure seal test: PT 1.1PN
- gas seal test: 0.6 MPa



T型三通通口位置图 T Port Position



L型三通通口位置图 L Port Position



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	双相钢 Dual Phase Steel
阀体 Body	WCB	CF8、CF3、CF8M、CF3M	4A/5A
阀盖 Bonnet	WCB	CF8、CF3、CF8M、CF3M	4A/5A
球体 Ball	13Cr/304/316	304/316	2205/2507
阀杆 Stem	13Cr/304/316	304/316/17-4PH	2205/2507
密封圈 Sealing		PTFE/RPTFE/Nylon/PEEK	
填料 Gland Packing		PTFE/RPTFE/Nylon/PEEK	



主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

国标(GB): PN16

规格	L	D	D1	D2	b	f	n-Φd	高平台	
								ISO 5211	TxT
DN15	138	95	65	45	16	2	4-Φ14	F03/F04	9x9
DN20	158	105	75	58	18	2	4-Φ14	F05	11x11
DN25	180	115	85	68	18	2	4-Φ14	F05	11x11
DN32	205	140	100	78	18	2	4-Φ18	F05	11x11
DN40	222	150	110	88	18	2	4-Φ18	F07	14x14
DN50	241	165	125	102	18	2	4-Φ18	F07	14x14
DN65	260	185	145	122	18	2	8-Φ18	F07	14x14
DN80	280	200	160	138	20	2	8-Φ18	F07/F10	22x22
DN100	320	220	180	158	20	2	8-Φ18	F07/F10	22x22
DN125	380	250	210	188	22	2	8-Φ18		
DN150	440	285	240	212	22	2	8-Φ22		

国标(GB): PN25

规格	L	D	D1	D2	b	f	n-Φd	高平台	
								ISO 5211	TxT
DN15	138	95	65	45	16	2	4-Φ14	F03/F04	9x9
DN20	158	105	75	58	18	2	4-Φ14	F05	11x11
DN25	180	115	85	68	18	2	4-Φ14	F05	11x11
DN32	205	140	100	78	18	2	4-Φ18	F05	11x11
DN40	222	150	110	88	18	2	4-Φ18	F07	14x14
DN50	241	165	125	102	20	2	4-Φ18	F07	14x14
DN65	260	185	145	122	22	2	8-Φ18	F07	14x14
DN80	280	200	160	138	24	2	8-Φ18	F07/F10	22x22
DN100	320	235	190	162	24	2	8-Φ22	F07/F10	22x22
DN125	380	270	220	188	26	2	8-Φ26		
DN150	440	300	250	218	28	2	8-Φ26		

美标(ANSI): 150LB

规格	L	D	D1	D2	b	f	n-Φd	高平台	
								ISO 5211	TxT
DN15	138	90	60.3	34.9	10	2	4-Φ16	F03/F04	9x9
DN20	158	100	69.9	42.9	10.9	2	4-Φ16	F05	11x11
DN25	180	110	79.4	50.8	11.6	2	4-Φ16	F05	11x11
DN32	205	115	88.9	63.5	13.2	2	4-Φ16	F05	11x11
DN40	222	125	98.4	73	14.7	2	4-Φ16	F07	14x14
DN50	241	150	120.7	92.1	16.3	2	4-Φ19	F07	14x14
DN65	260	180	139.7	104.8	17.9	2	4-Φ19	F07	14x14
DN80	280	190	152.4	127	19.5	2	4-Φ19	F07/F10	22x22
DN100	320	230	190.5	157.2	24.3	2	8-Φ19	F07/F10	22x22
DN125	380	255	215.9	185.7	24.3	2	8-Φ22		
DN150	440	280	241.3	215.9	25.9	2	8-Φ22		

日标(JIS): 10K

规格	L	D	D1	D2	b	f	n-Φd	高平台	
								ISO 5211	TxT
DN15	138	95	70	51	12	1	4-Φ15	F03/F04	9x9
DN20	158	100	75	56	14	1	4-Φ15	F05	11x11
DN25	180	125	90	67	14	1	4-Φ19	F05	11x11
DN32	205	135	100	76	16	2	4-Φ19	F05	11x11
DN40	222	140	105	81	16	2	4-Φ19	F07	14x14
DN50	241	155	120	96	16	2	4-Φ19	F07	14x14
DN65	260	175	140	116	18	2	4-Φ19	F07	14x14
DN80	280	185	150	126	18	2	8-Φ19	F07/F10	22x22
DN100	320	210	175	151	18	2	8-Φ19	F07/F10	22x22
DN125	380	250	210	182	20	2	8-Φ23		
DN150	440	280	240	212	22	2	8-Φ23		

3PC TYPE FLANGED BALL VALVE

三片式法兰球阀

Q41F-(16~40、150LB) $\frac{P}{R}$ _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 + ...



高平台
ISO High
Mount Pad

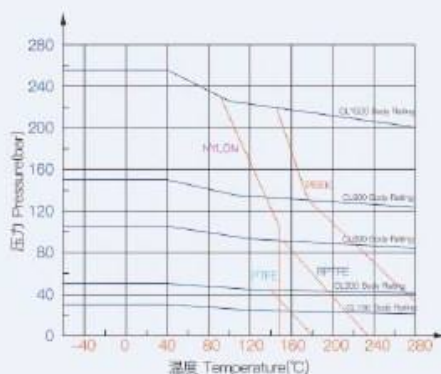
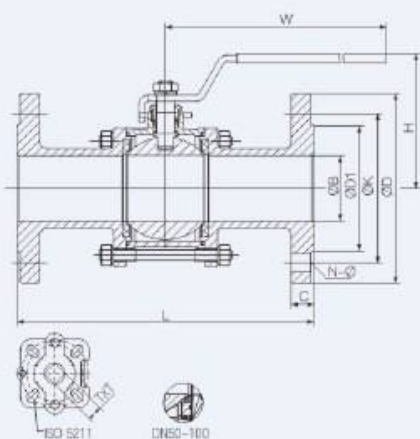


性能规范

- 公称压力: (1.6~4.0)MPa, (150~300)LB, (10~20)K
- 壳体强度试验: PT 1.5PN
- 高压密封试验: PT 1.1PN
- 气密封试验: 0.6 MPa

SPECIFICATIONS

- Nominal pressure: (1.6~4.0)MPa, (150~300)LB, (10~20)K
- Shell test: PT 1.5PN
- High pressure seal test: PT 1.1PN
- Gas seal test: 0.6 MPa



主要零件材料 MAIN PARTS AND MATERIALS

材料名称 Material Name	碳素钢 Carbon Steel	不锈钢 Stainless Steel	双相钢 Dual Phase Steel
阀体 Body	WCB	CF8, CF3, CF8M, CF3M	4A/5A
阀盖 Bonnet	WCB	CF8, CF3, CF8M, CF3M	4A/5A
球体 Ball	13Cr/304/316	304/316	2205/2507
阀杆 Stem	13Cr/304/316	304/316/17-4PH	2205/2507
密封圈 Sealing	PTFE/RPTFE/Nylon/PEEK		
填料 Gland Packing	PTFE/RPTFE/Nylon/PEEK		

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

国标(GB): PN16

规格	L	D	D1	D2	b	f	n-Φd	高平台	
								ISO 5211	T×T
DN15	130	95	65	45	16	2	4-Φ14	F03/F04	9×9
DN20	150	105	75	58	18	2	4-Φ14	F03/F04	9×9
DN25	160	115	85	68	18	2	4-Φ14	F04/F05	11×11
DN32	180	140	100	78	18	2	4-Φ18	F04/F05	11×11
DN40	200	150	110	88	18	2	4-Φ18	F05/F07	14×14
DN50	230	165	125	102	18	2	4-Φ18	F05/F07	14×14
DN65	290	185	145	122	18	2	8-Φ18	F07	14×14
DN80	310	200	160	138	20	2	8-Φ18	F07/F10	17×17
DN100	350	220	180	158	20	2	8-Φ18	F07/F10	22×22
DN125	400	250	210	188	22	2	8-Φ18		
DN150	480	285	240	212	22	2	8-Φ22		
DN200	600	340	295	268	24	2	12-Φ22		

国标(GB): PN25

规格	L	D	D1	D2	b	f	n-Φd	高平台	
								ISO 5211	T×T
DN15	130	95	65	45	16	2	4-Φ14	F03/F04	9×9
DN20	150	105	75	58	18	2	4-Φ14	F03/F04	9×9
DN25	160	115	85	68	18	2	4-Φ14	F04/F05	11×11
DN32	180	140	100	78	18	2	4-Φ18	F04/F05	11×11
DN40	200	150	110	88	18	2	4-Φ18	F05/F07	14×14
DN50	230	165	125	102	20	2	4-Φ18	F05/F07	14×14
DN65	290	185	145	122	22	2	8-Φ18	F07	14×14
DN80	310	200	160	138	24	2	8-Φ18	F07/F10	17×17
DN100	350	235	190	162	24	2	8-Φ22	F07/F10	22×22
DN125	400	270	220	188	26	2	8-Φ26		
DN150	480	300	250	218	28	2	8-Φ26		
DN200	600	360	310	278	30	2	12-Φ26		

国标(GB): PN40

规格	L	D	D1	D2	b	f	n-Φd	高平台	
								ISO 5211	T×T
DN15	130	95	65	45	16	2	4-Φ14	F03/F04	9×9
DN20	150	105	75	58	18	2	4-Φ14	F03/F04	9×9
DN25	160	115	85	68	18	2	4-Φ14	F04/F05	11×11
DN32	180	140	100	78	18	2	4-Φ18	F04/F05	11×11
DN40	200	150	110	88	18	2	4-Φ18	F05/F07	14×14
DN50	230	165	125	102	20	2	4-Φ18	F05/F07	14×14
DN65	290	185	145	122	22	2	8-Φ18	F07	14×14
DN80	310	200	160	138	24	2	8-Φ18	F07/F10	17×17
DN100	350	235	190	162	24	2	8-Φ22	F07/F10	22×22

美标(ANSI): 150LB

规格	L	D	D1	D2	b	f	n-Φd	高平台	
								ISO 5211	T×T
DN15	130	90	60.3	34.9	10	2	4-Φ16	F03/F04	9×9
DN20	150	100	69.9	42.9	10.9	2	4-Φ16	F03/F04	9×9
DN25	160	110	79.4	50.8	11.6	2	4-Φ16	F04/F05	11×11
DN32	180	115	88.9	63.5	13.2	2	4-Φ16	F04/F05	11×11
DN40	200	125	98.4	73	14.7	2	4-Φ16	F05/F07	14×14
DN50	230	150	120.7	92.1	16.3	2	4-Φ19	F05/F07	14×14
DN65	290	180	139.7	104.8	17.9	2	4-Φ19	F07	14×14
DN80	310	190	152.4	127	19.5	2	4-Φ19	F07/F10	17×17
DN100	350	230	190.5	157.2	24.3	2	8-Φ19	F07/F10	22×22
DN125	400	255	215.9	185.7	24.3	2	8-Φ22		
DN150	480	280	241.3	215.9	25.9	2	8-Φ22		
DN200	600	345	298.5	269.9	29	2	8-Φ22		

CHINA •
ANIX VALVE GROUP
ANIX VALVE USA

HIGH PERFORMANCE V BALL VALVE

高性能V型球阀

Q647Y-(16、150LB、10K)P_R-GV

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形切口球体，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。该阀芯上下端设有转动轴，阀座带有增能环可以调节密封力，阀开闭时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，含纤维及颗粒状介质的开启与调节。

FEATURE

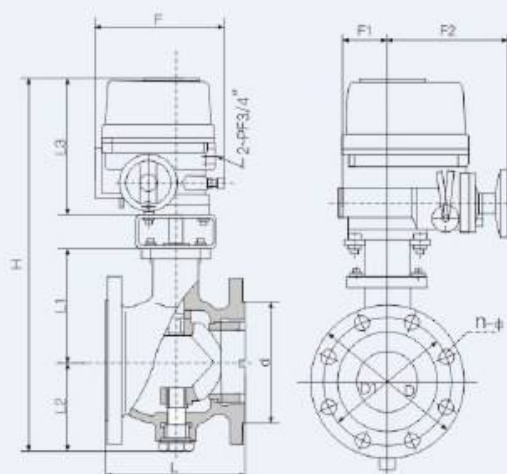
- The V cut has large adjustable ratio and equal percentage flow characteristic, realizing stable control of pressure and flow.
- Simple structure, small volume, light weight, smooth flow channel.
- Provided with large nut elastic automatic compensation structure to effectively control the sealing face 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.



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





主要零件材料

MAIN PARTS AND MATERIALS

阀体

- 型式: 偏心角行程整体球体 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(或锻造件)
- 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

BODY

- Type: eccentric angular travel integral ball, jacket ball
- Nominal diameter (DN): 1"-20"
- Nominal pressure (PN): ANSI 150LB-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.

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
- 轴套材料: 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

- 阀芯材质: 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℃)

TRIM

- Plug type: spherical ball with V cut
- Plug material: A351-CF8, CF8M carbonizing or surface
hard alloy spray welding
- Seat material and working temperature:
Soft seal: PTFE -20~+180℃
filled PTFE -20~+180℃
PPL -40~+350℃
Hard seal (y): A351-CF8, CF8M
carbonizing or surface hard alloy spray
welding -40~+450℃
- Valve shaft material: A276-420, A564-630
- Sleeve material: A182-F304, A182-F316 (nitriding) or
WMS (high temperature alloy)

·Figure 1 Soft seal 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 nitriding or
surface spray welding
- Seat material: 3J1, Inconel stainless steel sheet
- Seat leakage: As per ANSI B16.104 class IV-VI
sealing
- Rated within KVx0.001% (250℃)
- Rated within KVx0.005% (400℃)

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

DN	L	国标法兰尺寸PN16				美标法兰尺寸150LB				日标法兰尺寸10K				H	执行机构型号
		D	D1	d	n-Φ	D	D1	d	n-Φ	D	D1	d	n-Φ		
25	105	115	85	65	4-Φ14	110	79.4	50.8	4-16	125	90	67	4-19	450	驱动方式可选用 手动、气动、 电动、蜗轮动 等方式
32	105	140	100	76	4-Φ18	115	88.9	63	4-16	135	100	76	4-19	470	
40	114	150	110	84	4-Φ18	125	98.4	73	4-16	140	105	81	4-19	473	
50	124	165	125	99	4-Φ18	150	120.7	92.1	4-18	155	120	96	4-19	488	
65	145	185	145	118	8-Φ18	180	139.7	104.8	4-18	175	140	116	4-19	561	
80	165	200	160	132	8-Φ18	190	152.4	127	4-18	185	150	126	8-19	586	
100	194	220	180	156	8-Φ18	230	190.5	157.2	8-18	210	175	151	8-19	607	
125	213	250	210	184	8-Φ18	255	215.9	185.7	8-22	250	210	182	8-23	668	
150	229	285	240	211	8-Φ22	280	241.3	215.9	8-22	280	240	212	8-23	693	
200	243	340	295	266	12-Φ22	345	298.5	269.9	8-22	330	290	262	12-23	768	
250	297	405	355	319	12-Φ26	405	362	323.8	12-26	400	355	324	12-25	901	
300	338	460	410	370	12-Φ26	485	431.8	381	12-26	445	400	368	16-25	921	
350	400	520	470	429	16-Φ29	535	476.3	412.8	12-30	490	445	413	16-25	1062	
400	400	580	525	480	16-Φ30	595	539.8	469.9	16-30	560	510	475	16-27	1117	
450	520	640	585	548	20-Φ30	635	577.9	533.4	16-33	620	565	530	20-27	1255	
500	600	715	650	609	20-Φ33	700	635	584.2	20-33	675	620	585	20-27	1282	

FLUORINE LINED BALL VALVE

衬氟阀门系列

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、ASME B16.34
- 结构长度：GB/T 12231、ASME B16.34
- 连接法兰：GB/T 9113 JB 79/HG/ASME B16.5
- 试验与检验：GB/T 13927 GB/T 26480 API 598

DESIGN STANDARDS

- Technical specification: GB
- Design Standard: GB/T 12237, ASME B16.34
- Face to Face: GB/T 12231, ASME B16.34
- Flanged Ends: GB/T 9113 JB 79/HG/ASME B16.5
- Test and Inspection: GB/T 13927 GB/T 26480 API 598

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°C~150°C

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: Cast iron, Carbon steel, Stainless steel
- Applicable medium: Acid alkali and Other Corrosive Media
- Applicable temperature: -29°C~150°C



PNEUMATIC, ELECTRIC BALL VALVE



气动、电动球阀系列



PNEUMATIC BALL VALVE

气动球阀

| 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

| 国际标准 + ...



PNEUMATIC BALL VALVE

气动球阀

Q611F-16~320, 150LB~2500LB, 10K~40K

材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

国际标准 + ...



阀门性能规范

- 公称压力: (1.6~32)MPa, (150~2500)LB, (10~40)K
- 壳体强度试验: PT 1.5PN
- 高压密封试验: PT 1.1PN
- 气密封试验: 0.6 MPa

VALVE PERFORMANCE SPECIFICATIONS

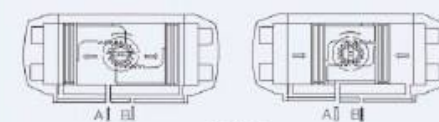
- Nominal pressure: (1.6~32)MPa, (150~2500)LB, (10~40)K
- Shell test: PT 1.5PN
- High pressure seal test: PT 1.1PN
- gas seal test: 0.6 MPa

气动执行器性能规范

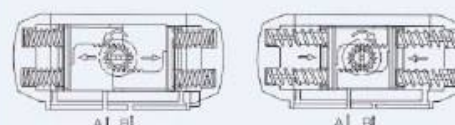
- 推荐气源压力: 4~6bar
- 最大允许气源压力: 8bar
- 环境温度: -20°C~+80°C
- 开关行程: 0~90°
- 使用气源: 经过干燥过滤或加油润滑的洁净空气, 非腐蚀性气体。

PERFORMANCE SPECIFICATIONS OF PNEUMATIC ACTUATORS

- Recommended air pressure: 4~6bar
- Maximum allowable air source pressure: 8bar
- Ambient temperature: -20°C~+80°C
- Switch stroke: 0 to 90 degrees
- Air supply: clean air after dry and filtration, No-corrosive gas.



双作用
Double acting



单作用
Single acting

执行器俯视图
ACTRATOR VERTICAL VIEW

气动执行器附件

电磁阀

铝合金阀体, 带螺纹接口和NAMUR接口;

同一滑阀可配接为3/2常闭或5/2, 用于控制双作用和单作用气动执行器;

能防液体, 灰尘或异物的侵入(实现外界影响防护);

标准配置手动操作器;

空气过滤减压器

该气源处理三联件包括空气减压阀、过滤器、油雾器三大件。其中减压阀可对气源进行稳压, 使气源处于恒定状态, 可减少因气源气压突变时对阀门或执行器等硬物的损伤。过滤器用于对气源的清洁, 可过滤压缩空气中的水份, 避免水份随气体进入装置。油雾器可对机体运动部件进行润滑, 可以不方便加润滑油的部件进行润滑, 大大延长机体的使用寿命。

限位开关

APL-210N和APL-410N型限位开关传送执行器和阀门的位置信号到现场和通控操作站。它能直接安装在执行器上部, 符合标准VDI/VDE3845, 特点有现场可视位置指示器, 快速调整位置凸轮, 可调式凸轮通过花键和弹簧安装, 只要开关凸轮脱离花键便可旋转调整所需的位置, 拆掉外壳螺钉和两个电缆进口G1/2"管接口。内部行程开关预先连接接线终端, 8个接线端子, 并可用于电磁阀的链接

ELECTRIC BALL VALVE

电动球阀

Q911F-47Y-(16~320、150LB~2500LB、10K~40K) $\begin{matrix} P \\ R \\ C \end{matrix}$

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



阀门性能规范

- 公称压力: (1.6~32)MPa, (150~2500)LB, (10~40)K
- 壳体强度试验: PT 1.5PN
- 高压密封试验: PT 1.1PN
- 气密封试验: 0.6 MPa

VALVE PERFORMANCE SPECIFICATIONS

- Nominal pressure: (1.6~32)MPa, (150~2500)LB, (10~40)K
- Shell test: PT 1.5PN
- High pressure seal test: PT 1.1PN
- gas seal test: 0.6 MPa

电动执行器性能规范

- 控制电路型式: 开关型 (标准型), 调节型等
- 电源电压: DC12V/DC24V/AC220V/AC380V
- 环境温度: -25°C~+60°C
- 防护等级: IP67
- 开关行程: 0~90°
- 可选配置: 智能控制模块、液晶显示等

PERFORMANCE SPECIFICATIONS OF ELECTRIC ACTUATORS

- Control circuit type: switch type (standard type), regulation type, etc
- Power supply voltage: DC12V/DC24V/AC220V/AC380V
- Ambient temperature: -25°C~+60°C
- Protection level: IP67
- Switch stroke: 0 to 90 degrees
- Optional configuration: intelligent control module, LCD display, etc



GATE VALVE SERIES



闸阀系列



CHINA •
ANIX VALVE GROUP

ANIX VALVE USA

FLANGED GATE VALVE

法兰闸阀

IZ⁵₉40^WY-(16-320, 150LB-2500LB, 10K-40K)P_RC_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。

PRODUCTS DESIGN FEATURES

Gate valve is one of the most commonly used out-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.

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。

MAIN STRUCTURAL FEATURES

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

主要零件材质

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



设计标准

- 设计制造: GB/T 12234、ASME B16.34、API 600
- 连接法兰: HG/T 20592、ASME B16.5、JIS B2220、EN 1092-1
- 结构长度: GB/T 12221、ASME B16.10、EN 558-1
- 检验与试验: GB/T 26480、GB/T 13927、API 598

DESIGN STANDARDS

- Design and manufacture: GB/T 12234、ASME B16.34、API 600
- Connecting flanges: HG/T 20592、ASME B16.5、JIS B2220、EN 1092-1
- Structure length: GB/T 12221、ASME B16.10、EN 558-1
- Inspection and test: GB/T 26480、GB/T 13927、API 598

性能规范

- 公称压力: (1.6~32)MPa, (150~2500)LB, (10~40)K
- 壳体强度试验: PT 1.5PN
- 上密封试验: PT 1.1PN
- 高压密封试验: PT 1.1PN
- 气密封试验: 0.6 MPa

SPECIFICATIONS

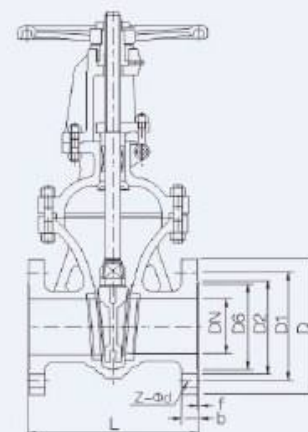
- Nominal pressure: (1.6~32)MPa, (150~2500)LB, (10~40)K
- Shell test: PT 1.5PN
- Back seal test: PT 1.1PN
- High pressure seal test: PT 1.1PN
- Gas seal test: 0.6 MPa

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

国标(GB): PN16

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T 79	HG/T 20592				JB/T 79	HG/T 20592	JB/T 79	HG/T 20592
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



FLANGED GATE VALVE

法兰闸阀

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

国标(GB): PN25

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T 79	HG/T 20592				JB/T 79	HG/T 20592	JB/T 79	HG/T 20592
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	660	670	600	555	4	50	46	20-Φ34	20-Φ36
500	700	730	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	1305	1320	1210	1140	5	68	62	28-Φ58	28-Φ55

国标(GB): PN40

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T 79	HG/T 20592				JB/T 79	HG/T 20592	JB/T 79	HG/T 20592
15	130/170	95	95	65	45	2	16	16	4-Φ14	4-Φ14
20	150/190	105	105	75	55	2	16	18	4-Φ14	4-Φ14
25	160/210	115	115	85	65	2	16	18	4-Φ14	4-Φ14
32	180/230	135	140	100	78	2	18	18	4-Φ18	4-Φ18
40	200/240	145	150	110	85	3	18	18	4-Φ18	4-Φ18
50	250/250	160	165	125	100	3	20	20	4-Φ18	4-Φ18
65	270/280	180	185	145	120	3	22	22	8-Φ18	8-Φ18
80	280/310	195	200	160	135	3	22	24	8-Φ18	8-Φ18
100	300/350	230	235	190	160	3	24	24	8-Φ23	8-Φ22
125	325/400	270	270	220	188	3	28	26	8-Φ25	8-Φ26
150	350/450	300	300	250	218	3	30	28	8-Φ25	8-Φ26
200	550	375	375	320	282	3	38	34	12-Φ30	12-Φ30
250	650	445	450	385	345	3	42	38	12-Φ34	12-Φ33
300	750	510	515	450	408	4	46	42	16-Φ34	16-Φ33
350	850	570	580	510	465	4	52	46	16-Φ34	16-Φ36
400	950	655	660	585	535	4	58	50	16-Φ41	16-Φ39
450	1050	680	685	610	560	4	60	57	20-Φ41	20-Φ39
500	1150	755	755	670	612	4	62	57	20-Φ48	20-Φ42
600	1350	890	890	795	730	5	62	72	20-Φ54	20-Φ48

国标(GB): PN63

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T 79	HG/T 20592				JB/T 79	HG/T 20592	JB/T 79	HG/T 20592
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	28	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

国标(GB): PN100

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T 79	HG/T 20592				JB/T 79	HG/T 20592	JB/T 79	HG/T 20592
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	310	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-Φ36
250	650	500	505	430	382	3	60	60	12-Φ41	12-Φ39
300	750	585	585	500	442	4	70	68	16-Φ48	16-Φ42
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

国标(GB): PN160

DN	L	D		D1		D2	f	b		z-Φd	
		JB/T 79	HG/T 20592	JB/T 79	HG/T 20592			JB/T 79	HG/T 20592	JB/T 79	HG/T 20592
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

SLAB GATE VALVE

平板闸阀

Z43F-(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 B16.25
- 检验与试验标准: GB/T 19672、GB/T 26480、API 6D

DESIGN & MANUFACTURE STANDARD

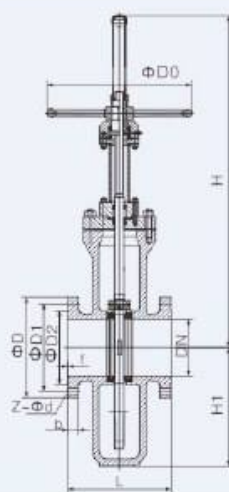
- Design and Manufacturing: GB/T 19672, API 6D
- Face-to-Face: GB/T 19672, API 6D
- End flange: JB/T79, HG/T20592, ASME B16.5, GB/T 12224, ASME B16.25
- Inspection and testing: GB/T19672, GB/T26480, API6D

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℃

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℃



主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

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	520	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

MANUAL / PNEUMATIC KNIFE GATE VALVE

手动/气动刀闸阀

W P
IPZ73Y-(6-16) R
H 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

DESIGN & MANUFACTURE STANDARD

- 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 B2220
- 检验与试验标准: GB/T13927, MSS SP-81, JB/T8691

- Design and Manufacturing: JB/T8691, MSS SP-81
- Face-to-Face: GB/T15188.2, TAPPI TIS 405.8
- End flange: JB/T 79, ANSI B16.5, JIS B2220
- Inspection and testing: GB/T13927, MSS SP-81, JB/T8691

性能规范(GB)

SPECIFICATIONS

- 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), CF3(PL), CF8M(R), CF3M(RL)
- 适用介质: 纸浆、泥浆、煤渣、灰渣
- 适用温度: -29°C~100°C

- 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), CF3(PL), CF8M(R), CF3M(RL)
- Suitable medium: Mortar mixture, Dregs with water proportion
- Suitable temperature: -29°C~100°C

主要零件材料

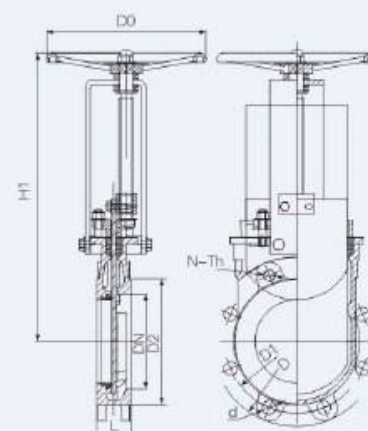
MAIN PARTS AND MATERIALS

材料名称 Material Name	PZ73H-(6-16)C	PZ73H-(6-16)P	PZ73H-(6-16)R
阀体、支架 Body, bracket	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
闸板、闸杆 Disc, stem	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
密封材料 Seal Material	橡胶、聚四氟乙烯、不锈钢、硬质合金 Rubber, PTFE, Stainless steel, Carbide		

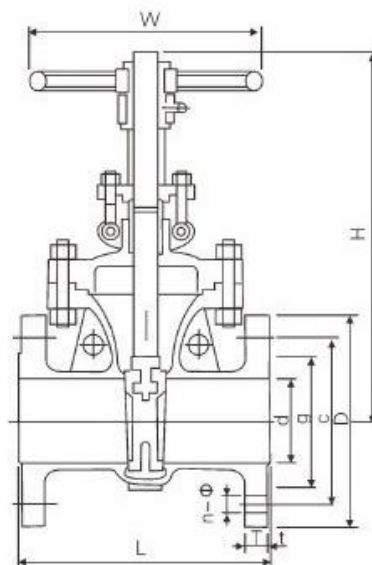
主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

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	48	160	125	100	18	4-M16	310	180
65	48	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	23	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	890	450
400	89	565	515	482	25	16-M22	1000	450
450	89	615	565	532	25	20-M22	1160	530



(WCB, CF8, CF8M, Ti, Ni)

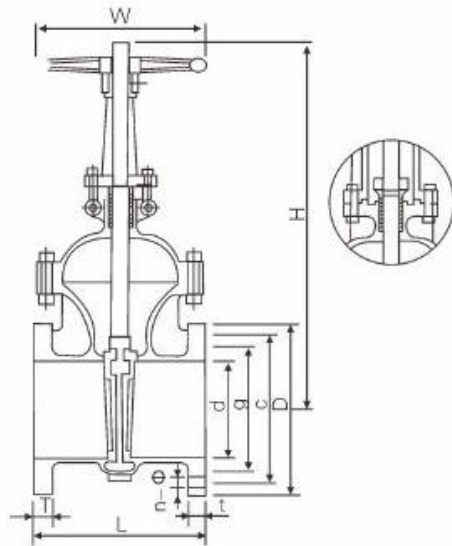


主要尺寸 Main dimensions

公称压力 Nominal pressure	Size	Dimensions(mm)									
	in	d	L	D	C	g	T	t	H	W	n-Φ
Class 150Lb	1-1/4"	32	140	117	89	64	13	1.6	252	100	4-15
	1-1/2"	40	165	127	98.5	73	15	1.6	277	140	4-15
	2"	50	178	152	120.5	92	16	1.6	323	200	4-19
	2-1/2"	65	190	178	139.5	105	18	1.6	347	250	4-19
	3"	80	203	190	152.5	127	19	1.6	383	250	4-19
	4"	100	229	229	190.5	157	24	1.6	457	300	8-19
	5"	125	254	254	216	186	24	1.6	632	300	8-22
	6"	150	267	279	241.5	216	26	1.6	635	350	8-22
	8"	200	292	343	298.5	270	29	1.6	762	350	8-22
	10"	250	330	406	362	324	31	1.6	895	400	12-25
	12"	300	356	483	432	381	32	1.6	1080	500	12-29
	14"	350	381	533	476	413	35	1.6	1295	600	12-29
	16"	400	406	597	540	470	37	1.6	1435	600	16-29
	18"	450	432	635	578	533	40	1.6	1626	650	16-32
	20"	500	457	698	635	584	43	1.6	1829	650	20-32
	24"	600	508	813	749.5	692	48	1.6	2175	700	20-35
Class 300Lb	1-1/4"	32	178	133	98.5	63	19	1.6	216	160	4-19
	1-1/2"	40	190	156	114.5	73	21	1.6	250	160	4-22
	2"	50	216	165	127	92	22	1.6	330	250	8-19
	2-1/2"	65	241	190	149	105	25	1.6	368	250	8-22
	3"	80	283	210	168	127	29	1.6	394	300	8-22
	4"	100	305	254	200	157	32	1.6	473	300	8-22
	5"	125	381	279	235	186	35	1.6	660	350	8-22
	6"	150	403	318	270	216	37	1.6	711	350	12-22
	8"	200	419	381	330	270	41	1.6	813	400	12-25
	10"	250	457	444	387.5	324	48	1.6	1003	500	16-29
	12"	300	502	521	451	381	51	1.6	1137	600	16-32
	14"	350	762	584	514.5	413	54	1.6	1489	600	20-32
	16"	400	838	648	571.5	470	57	1.6	1581	650	20-35
	18"	450	914	711	628.5	533	60	1.6	2017	838	24-35
	20"	500	991	775	686	584	64	1.6	2228	889	24-35
	24"	600	1143	914	813	692	70	1.6	2650	1092	24-41

(WCB, CF8, CF8M, Ti, Ni)

闸阀系列
Gate Valve series



主要尺寸 Main dimensions

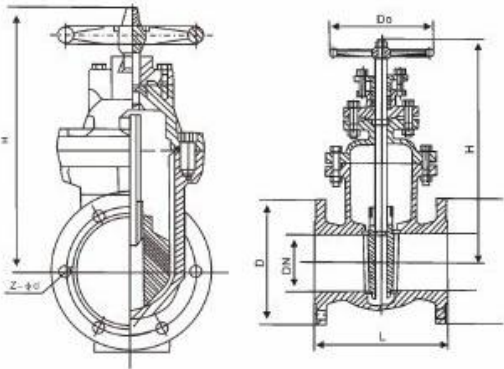
公称压力 Nominal pressure	Size	Dimensions(mm)										
	DN	d	L	D(1)	D(2)	C	g	T	t	H	W	n-Φ
PN1.6 MPa	15	15	130	95	95	65	46	14	2	170	120	4-14
	20	20	150	105	105	75	56	16	2	190	140	4-14
	25	25	160	115	115	85	65	16	2	205	160	4-14
	32	32	180	135	140	100	78	16	2	270	180	4-18
	40	40	200	145	150	110	84	18	2	310	200	4-18
	50	50	250	160	165	125	99	20	2	358	240	4-18
	65	65	265	180	185	145	118	20	2	373	240	4-18
	80	80	280	195	200	160	132	20	2	435	280	8-18
	100	100	300	215	220	180	156	22	2	500	300	8-18
	125	125	325	245	250	210	184	22	2	614	320	8-18
	150	150	350	280	285	240	211	24	2	674	360	8-22
	200	200	400	335	340	295	266	24	2	818	400	12-22
	250	250	450	405	405	355	319	26	2	969	450	12-26
	300	300	500	460	460	410	370	28	2	1145	560	12-26
	350	350	550	520	-	470	435	34	4	1280	640	16-25
	400	400	600	580	-	525	485	36	4	1452	640	16-30
	450	450	650	640	-	585	545	40	4	1541	720	20-30
	500	500	700	705	-	650	608	44	4	1678	720	20-34
	600	600	800	840	-	770	718	48	5	1874	800	20-41
	700	700	900	910	-	840	788	50	5	-	-	24-41
	800	800	1000	1020	-	950	898	52	5	-	-	24-41
PN2.5 MPa	900	900	1100	1120	-	1050	998	54	5	-	-	28-41
	1000	1000	1200	1255	-	1170	1110	56	5	-	-	28-48
	15	-	130	95	95	65	46	14	2	170	120	4-14
	20	-	150	105	105	75	56	16	2	190	140	4-14
	25	-	160	115	115	85	65	16	2	205	160	4-14
	32	-	180	135	140	100	78	16	2	270	180	4-18
	40	-	200	145	150	110	84	18	2	310	200	4-18
	50	-	250	160	165	125	99	20	2	358	240	4-18
	65	-	265	180	185	145	118	22	2	373	240	8-18
	80	-	280	195	200	160	132	24	2	435	280	8-18
	100	-	300	230	220	190	156	24	2	500	300	8-22
	125	-	325	270	235	220	184	26	2	614	320	8-26
	150	-	350	300	270	250	211	28	2	674	360	8-26
	200	-	400	360	300	310	274	30	2	818	400	12-26
	250	-	450	425	360	370	330	32	2	969	450	12-30
	300	-	500	485	425	430	389	34	2	1145	560	16-30
	350	-	550	550	485	490	448	44	4	1280	640	16-34
	400	-	600	610	-	550	505	48	4	1452	640	16-34
	450	-	650	660	-	600	555	50	4	1541	720	20-34
	500	-	700	730	-	660	610	52	4	1678	720	20-41
	600	-	800	840	-	770	718	56	5	1874	800	20-41
	700	-	900	955	-	875	815	60	5	-	-	24-48
	800	-	1000	1070	-	990	930	64	5	-	-	24-48

产品优点:

整体包胶: 闸门采用整体包胶, 其良好的覆盖性能与精确的几何尺寸, 保证密封可靠, 寿命长。
重量轻: 阀体采用球铁制成, 重量轻, 安装方便。
平底阀座: 底部采用与水管相同的平底式阀座设计, 不产生杂物淤积, 密封更可靠。
耐腐蚀: 内腔采用无毒环氧树脂涂状, 防止腐蚀和生锈, 不但可供生饮, 而且可用于污水系统。
三“O”密封: 阀杆采用三道O型环密封, 磨擦阻力小, 开关轻巧, 不漏水。

技术参数一

压力等级: 1.0MPa、1.6MPa 阀体耐压: 1.5MPa、2.4MPa
密封试验: 1.1MPa、1.76MPa 工作温度: 0~80℃
适用介质: 水、气等



主要零部件材料

名称	材料
阀体	灰铸铁、球墨铸铁、铸钢
闸板	球墨铸铁外覆三元乙丙或丁腈橡胶
内六角螺栓	碳化处理
密封圈	丁腈橡胶
阀盖	灰铸铁、球墨铸铁、铸钢
阀杆	不锈钢
"O"形密封圈	丁腈橡胶
止推轴承	锡青铜
螺栓	不锈钢
压盖	球墨铸铁、铸钢
防尘罩	丁腈橡胶
手轮 (传动帽)	铸铁

主要技术参数

公称压力	1.0~2.5MPa
工作温度	0~80℃
法兰标准	GB/T 17241.6 Gb9113
公称通径	50~600mm
适用介质	水、油、气等
试验标准	GB13927 API 598

主要外形尺寸及连接尺寸Main external and connection dimension

DN	L	HA	HC
50	178	313	355
65	190	332	375
80	203	372	415
100	229	424	476
125	254	497	540
150	267	562	600
200	292	680	720
250	330	837	875
300	356	948	990
350	381	1010	1050
400	406	1220	1245
450	432	1280	1310
500	457	1480	1560
600	508	1665	1750

GLOBE VALVE SERIES



截止阀系列



FLANGED GLOBE VALVE

法兰截止阀

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。

PRODUCTS DESIGN FEATURES

Globe valve as one of the cut-off valve is a common 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 PN1.6~16.0MPa, working temperatures between -46~550℃, in oil industry, chemical industry, pharmaceuticals, fertilizer, and power industry.

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。

MAIN STRUCTURAL FEATURES:

- Globe valve's structure is more simple than gate valve's, and it is more convenient in manufacturing 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 longer than gate valve's.
- Opening and closing torque is large, open and close more laborious, open and close time principal.
- Fluid resistance, due to the valve body in the media channel more twists and turns, fluid resistance, power consumption.
- Medium flow direction: no minial pressure PN is less than 16MPa, generally use the media from the valve 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 valve flap is subject to erosion.

主要零件材料

MAIN PARTS AND 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

FLANGED GLOBE VALVE

法兰截止阀



J₉⁵₄₁Y-(16~320、150LB~2500LB、10K~40K)R_H^P_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: GB/T 12235、ASME B16.34、API 623
- 连接法兰: HG/T 20592、ASME B16.5、JIS B2220、EN 1092-1
- 结构长度: GB/T 12221、ASME B16.10、EN 558-1
- 检验与试验: GB/T 26480、GB/T 13927、API 598

DESIGN & MANUFACTURE STANDARD

- Design and manufacture: GB/T 12235、ASME B16.34、API 623
- Connection flange: HG/T 20592、ASME B16.5、JIS B2220、EN 1092-1
- Structure length: GB/T 12221、ASME B16.10、EN 558-1
- Test and inspection: GB/T 26480、GB/T 13927、API 598

性能规范

- 公称压力: (1.6~32)MPa, (150~2500)LB, (10~40)K
- 壳体强度试验: PT 1.5PN
- 上密封试验: PT 1.1PN
- 高压密封试验: PT 1.1PN
- 气密封试验: 0.6 MPa

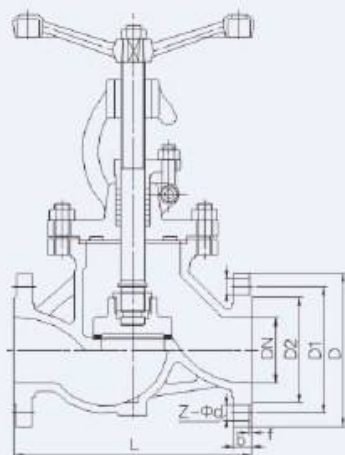
SPECIFICATIONS

- Nominal pressure: (1.6~32)MPa, (150~2500)LB, (10~40)K
- Shell test: PT 1.5PN
- Back seal test: PT 1.1PN
- High pressure seal test: PT 1.1PN
- Gas seal test: 0.6 MPa

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

PN16



DN	L	D		D1	D2	f	b		z-Φd	
		JB/T 79	HG/T 20592				JB/T 79	HG/T 20592	JB/T 79	HG/T 20592
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	285	3	28	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

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

PN25

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T 79	HG/T 20592				JB/T 79	HG/T 20592	JB/T 79	HG/T 20592
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	22	24	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

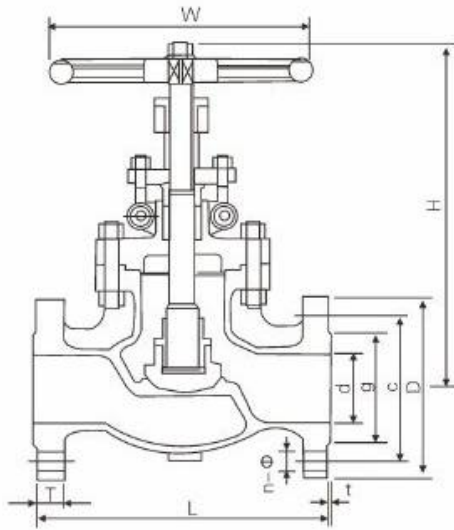
PN40

DN	L	D		D1	D2	f	b		z-Φd	
		JB/T 79	HG/T 20592				JB/T 79	HG/T 20592	JB/T 79	HG/T 20592
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	22	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	28	26	8-26	8-26
150	480	300	300	250	218	2	30	28	8-26	8-26
200	600	375	375	320	285	2	38	34	12-30	12-30

PN63

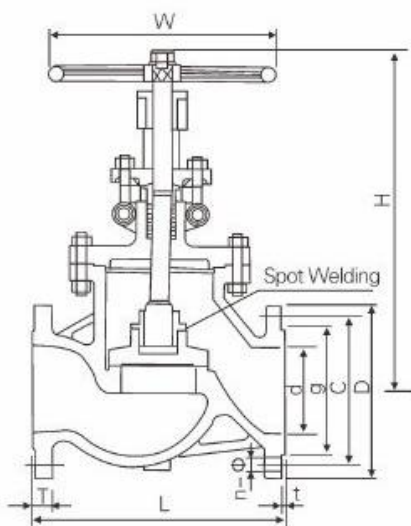
DN	L	D		D1	D2	f	b		z-Φd	
		JB/T 79	HG/T 20592				JB/T 79	HG/T 20592	JB/T 79	HG/T 20592
15	130	105	105	75	55	2	18	20	4-14	4-14
20	150	125	130	90	68	2	20	22	4-18	4-18
25	160	135	140	100	78	2	22	24	4-18	4-18
32	180	150	155	110	82	2	24	26	4-23	4-22
40	200	165	170	125	95	2	24	28	4-23	4-22
50	230	175	180	135	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

(WCB, CF8, CF8M, Ti, Ni)



主要尺寸 Main dimensions

公称压力 Nominal pressure	Size in	Dimensions(mm)									
		d	L	D	C	g	T	t	H	W	n-Φ
Class 150Lb	1/2"	15	108	89	60.5	35	12	1.6	165	100	4-15
	3/4"	20	117	98	70.0	43	12	1.6	171	100	4-15
	1"	25	127	108	79.5	51	12	1.6	185	100	4-15
	1-1/4"	32	140	117	89	64	13	1.6	200	138	4-15
	1-1/2"	40	165	127	98.5	73	15	1.6	214	138	4-15
	2"	50	203	152	120.5	92	16	1.6	235	160	4-19
	2-1/2"	65	216	178	139.5	105	18	1.6	285	200	4-19
	3"	80	241	190	152.5	127	19	1.6	336	200	4-19
	4"	100	292	229	190.5	157	24	1.6	357	224	8-19
	5"	125	356	254	216	186	24	1.6	421	280	8-22
	6"	150	406	279	241.5	216	26	1.6	491	300	8-22
	8"	200	495	343	298.5	270	29	1.6	650	375	8-22
	10"	250	622	406	362	324	31	1.6	762	450	12-25
	12"	300	698	483	432	381	32	1.6	876	500	12-25
Class 300Lb	14"	350	787	533	476	413	35	1.6	990	600	12-29
	16"	400	914	597	540	470	37	1.6	1104	600	16-29
	1/2"	15	152	95	66.5	35	15	1.6	211	125	4-15
	3/4"	20	178	117	82.5	43	16	1.6	241	125	4-19
	1"	25	203	124	89	51	18	1.6	283	160	4-19
	1-1/4"	32	216	133	98.5	63	19	1.6	320	200	4-19
	1-1/2"	40	229	156	114.5	73	21	1.6	322	200	4-22
	2"	50	267	165	127	92	22	1.6	399	200	8-19
	2-1/2"	65	292	190	149	105	25	1.6	438	250	8-22
	3"	80	318	210	168	127	29	1.6	450	280	8-22
	4"	100	356	254	200	157	32	1.6	584	355	8-22
	5"	125	400	279	235	186	35	1.6	614	355	8-22
	6"	150	444	318	270	216	37	1.6	660	450	12-22
	8"	200	559	381	330	270	41	1.6	762	450	12-25
Class 600Lb	10"	250	622	444	387.5	324	48	1.6	850	500	16-29
	12"	300	711	521	451	381	51	1.6	1085	500	16-32
	14"	350	762	584	514.5	413	54	1.6	1187	600	20-32
	16"	400	864	648	571.5	470	57	1.6	1450	600	20-35
	11/2"	15	165	95	66.5	35	22	6.4	155	100	4-15
	3/4"	20	190	118	82.5	43	23	6.4	160	100	4-19
	1"	25	216	124	89	51	25	6.4	186	125	4-19
	1-1/4"	32	229	133	98.5	63	28	6.4	216	160	4-19
	1-1/2"	40	241	156	114.5	73	30	6.4	250	160	4-22
	2"	50	292	165	127	92	33	6.4	430	180	8-19
	2-1/2"	65	330	190	149	105	36	6.4	480	250	8-22
	3"	80	356	210	168	127	39	6.4	530	250	8-22
	4"	100	432	273	216	157	45	6.4	650	350	8-25
	5"	125	508	330	266.5	186	52	6.4	750	350	8-29
	6"	150	559	356	292	216	55	6.4	850	450	12-29
	8"	200	660	419	349	270	63	6.4	1050	500	12-32
	10"	250	787	508	432	324	71	6.4	1219	600	16-35



主要尺寸 Main dimensions

公称压力 Nominal pressure	Size	Dimensions(mm)									
	DN	L	D(1)	D(2)	C	g	T	t	H	W	n-Φ
PN1.6 MPa	15	130	95	95	65	46	14	2	218	120	4-14
	20	150	105	105	75	56	16	2	258	140	4-14
	25	160	115	115	85	65	16	2	275	160	4-14
	32	180	135	135	100	78	16	2	282	180	4-18
	40	200	145	150	110	84	18	2	330	200	4-18
	50	230	160	165	125	99	20	2	350	240	4-18
	65	290	180	185	145	118	20	2	400	280	4-18
	80	310	195	200	160	132	20	2	355	280	8-18
	100	350	215	220	180	156	22	2	415	320	8-18
	125	400	245	250	210	184	22	2	460	360	8-18
	150	480	280	285	240	211	24	2	510	400	8-22
	200	600	335	340	295	266	24	2	710	400	12-22
	250	650	405	405	355	319	26	2	786	450	12-26
	300	750	460	460	410	370	28	2	925	500	12-26
	350	850	520	520	470	435	34	2	1075	700	16-25
	400	950	580	580	525	485	36	2	1235	800	16-30
	450	1200	640	640	585	545	40	2	—	1000	20-30
	500	1250	705	705	650	608	44	2	—	1000	20-34
PN2.5 MPa	15	130	95	95	65	45	16	2	218	120	4-14
	20	150	105	105	75	55	16	2	260	140	4-14
	25	160	115	115	85	65	16	2	275	160	4-14
	32	180	135	135	100	78	18	2	282	180	4-18
	40	200	145	150	110	85	18	3	332	200	4-18
	50	230	160	165	125	99	20	3	350	240	4-18
	65	290	180	185	145	120	22	3	405	280	8-18
	80	310	195	200	160	135	22	3	360	280	8-18
	100	350	230	235	190	160	24	3	412	320	8-23
	125	400	270	275	220	188	28	3	462	360	8-25
	150	480	300	305	250	218	30	3	510	400	8-25
	200	600	360	365	310	278	34	3	715	400	12-25
	250	650	425	430	370	322	36	3	789	450	12-30
	300	750	485	490	430	390	40	4	925	500	12-30
	350	850	550	555	490	448	44	4	1025	700	16-34
	400	950	610	615	550	505	48	4	1235	800	16-34
	450	1200	660	665	600	555	50	4	—	1000	20-34
	500	1250	730	735	660	610	52	4	—	1000	20-41

CHECK VALVE SERIES



止回阀系列



FLANGED SINGLE - DISC SWING CHECK VALVE

法兰单瓣旋启式止回阀

设计制造标准

DESIGN & MANUFACTURE STANDARD

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。

Check valves are “automatic” valves that open with forward flow and close with reverse flow. The pressure of the fluid passing through a system opens the valve, while any reversal of flow will close the valve. Exact operation will vary depending on the type of Check valve mechanism. Most common types of Check valves are swing, lift (piston and ball), butterfly, stop and tilting-disk. The products are Widely used in petroleum, chemical, pharmaceutical, fertilizer, power, urban construction and other industries pipeline system.

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。

Check valves can be divided into lifting check valves, swing check valves and butterfly check valves. Lift check valve can be divided into two kinds of vertical and horizontal. Swing check valve is divided into single lobe, dual valve type and triple-lobe valve. Butterfly check valves can be divided into stop and tilting-disk. Several types of check valves in the connection can be divided into the threaded connection, flange connection, welding connection and the folder to connect four.

主要零件材料

MAIN PARTS AND 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

FLANGED SINGLE - DISC SWING CHECK VALVE

法兰单瓣旋启式止回阀

W P
H44Y-(16~320, 150LB~2500LB, 10K~40K)R
H 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: GB/T 12236, ASME B16.34, API 594
- 连接法兰: HG/T 20592, ASME B16.5, JIS B2220, EN 1092-1
- 结构长度: GB/T 12221, ASME B16.10, EN 558-1
- 检验与试验: GB/T 26480, GB/T 13927, API 598

DESIGN & MANUFACTURE STANDARD

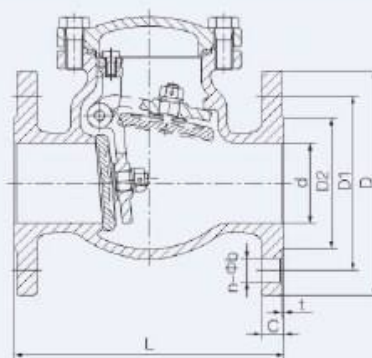
- Design and manufacture: GB/T 12236, ASME B16.34, API 594
- Connection flange: HG/T 20592, ASME B16.5, JIS B2220, EN 1092-1
- Structure length: GB/T 12221, ASME B16.10, EN 558-1
- Test and inspection: GB/T 26480, GB/T 13927, API 598

性能规范

- 公称压力: (1.6~32)MPa, (150~2500)LB, (10~40)K
- 壳体强度试验: PT 1.5PN
- 高压密封试验: PT 1.1PN

SPECIFICATIONS

- Nominal pressure: (1.6~32)MPa, (150~2500)LB, (10~40)K
- Shell test: PT 1.5PN
- High pressure seal test: PT 1.1PN



主要外形尺寸 MAIN OUTER SIZE

国标(GB): PN16

DN	d	D		D1	D2	t	C		z-φd		L
		JB/T 79	HG/T 20592				JB/T 79	HG/T 20592	JB/T 79	HG/T 20592	
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	290
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



主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

国标(GB): PN25

DN	d	D		D1	D2	t	C		Z-Φd		L
		JB/T 79	HG/T 20592				JB/T 79	HG/T 20592	JB/T 79	HG/T 20592	
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	290
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

国标(GB): PN40

DN	L	D	D1	D2	b	f	Z-Φd
40	200	150	110	88	18	2	4-Φ18
50	230	165	125	102	20	2	4-Φ18
65	290	185	145	122	22	2	8-Φ18
80	310	200	160	138	24	2	8-Φ18
100	350	235	190	162	24	2	8-Φ22
125	400	270	220	188	26	2	8-Φ26
150	480	300	250	218	28	2	8-Φ26
200	600	375	320	285	34	2	12-Φ30
250	650	450	385	345	38	2	12-Φ33
300	750	515	450	410	42	2	16-Φ33

国标(GB): PN63

DN	L	D	D1	D2	b	f	Z-Φd
40	260	170	125	88	28	2	4-Φ22
50	300	180	135	102	26	2	4-Φ22
65	340	205	160	122	26	2	8-Φ22
80	380	215	170	138	28	2	8-Φ22
100	430	250	200	162	30	2	8-Φ26
125	500	295	240	188	34	2	8-Φ30
150	550	345	280	218	36	2	8-Φ33
200	650	415	345	285	42	2	12-Φ36

国标(GB): PN100

DN	L	D	D1	D2	b	f	Z-Φd
40	260	170	125	88	28	2	4-Φ22
50	300	195	145	102	30	2	4-Φ26
65	340	220	170	122	34	2	8-Φ26
80	380	230	180	138	36	2	8-Φ26
100	430	265	210	162	40	2	8-Φ30
125	500	315	250	188	40	2	8-Φ33
150	550	355	290	218	44	2	12-Φ33
200	650	430	360	285	52	2	12-Φ36

WAFER TYPE CHECK VALVE

对夹式止回阀

1
H76W-(16-160、150LB-900LB、10K-20K)R
4
P
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 + ...



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

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
- 高压密封试验压力: 1.8, 2.8, 4.4, 7.1MPa
- 适用介质:
 - H₇₁ H-(16-64)C 水、油品、气
 - H₇₄ W-(16-64)P 硝酸类
 - H₇₆ W-(16-64)R 醋酸类
- 适用温度: -29~150℃

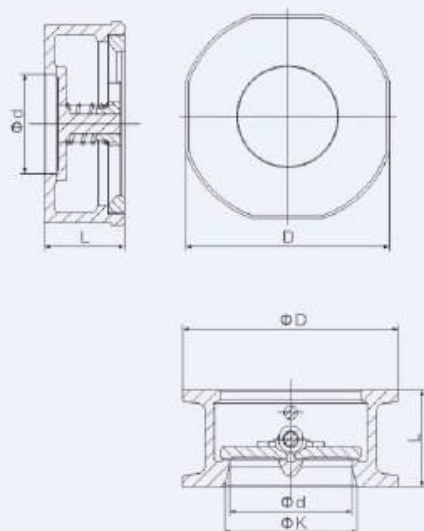
SPECIFICATIONS

- 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:
 - H₇₁ H-(16-64)C Water, Oil, Gas
 - H₇₄ W-(16-64)P Nitric acid
 - H₇₆ W-(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	H ₇₁ H ₇₄ H-(16-64)C	H ₇₁ H ₇₄ W-(16-64)P	H ₇₁ H ₇₄ W-(16-64)R
阀体 Body	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
阀瓣 Disc	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
密封 Sealing	304, 316, PTFE		



H71主要外形尺寸和连接尺寸

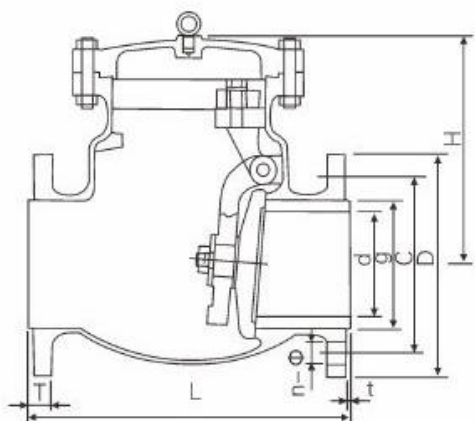
THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS(H71)

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

H76主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS(H76)

公称通径	L	d	K	D
50	2"	60	45	101
65	2 1/2"	67	56	121
80	3"	73	70	132
100	4"	73	88	156
125	5"	86	111	192
150	6"	98	133	218
200	8"	127	181	272
250	10"	146	234	330
300	12"	181	270	375
350	14"	184	315	420
400	16"	191	365	483
450	18"	203	415	538
500	20"	219	465	593
600	24"	222	565	697

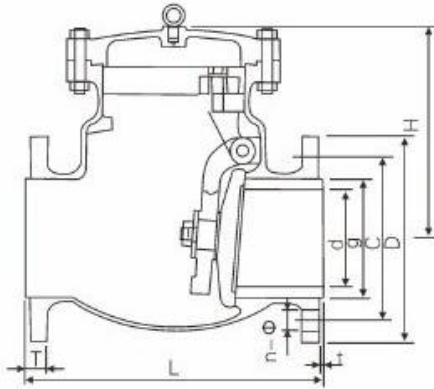


主要尺寸 Main dimensions

公称压力 Nominal pressure	Size	Dimensions(mm)								
	in	d	L	D	C	g	T	t	H	n-Φ
Class 150Lb	1/2"	15	108	89	60.5	35	12	1.6	-	4-15
	3/4"	20	117	98	70.0	43	12	1.6	-	4-15
	1"	25	127	108	79.5	51	12	1.6	-	4-15
	1-1/4"	32	140	117	89	64	13	1.6	-	4-15
	1-1/2"	40	165	127	98.5	73	15	1.6	-	4-15
	2"	50	203	152	120.5	92	16	1.6	161	4-19
	2-1/2"	65	216	178	139.5	105	18	1.6	180	4-19
	3"	80	241	190	152.5	127	19	1.6	190	4-19
	4"	100	292	229	190.5	157	24	1.6	203	8-19
	5"	125	330	254	216	186	24	1.6	229	8-22
	6"	150	356	279	241.5	216	26	1.6	257	8-22
	8"	200	495	343	298.5	270	29	1.6	292	8-22
	10"	250	622	406	362	324	31	1.6	355	12-25
	12"	300	698	483	432	381	32	1.6	396	12-25
	14"	350	787	533	476	413	35	1.6	445	12-29
	16"	400	864	597	540	470	37	1.6	490	16-29
	18"	450	978	635	578	533	40	1.6	520	16-32
	20"	500	978	698	635	584	43	1.6	546	20-32
Class 300Lb	24"	600	1295	813	749.5	692	49	1.6	880	20-35
	26"	650	1295	786	744.5	711	41	1.6	910	36-22
	28"	700	1448	837	795.5	762	44	1.6	935	40-22
	30"	750	1524	887	846.0	813	44	1.6	970	44-22
	1/2"	15	152	95	66.5	35	15	1.6	-	4-15
	3/4"	20	178	117	82.5	43	16	1.6	-	4-19
	1"	25	203	124	89	51	18	1.6	-	4-19
	1-1/4"	32	216	133	98.5	63	19	1.6	-	4-19
	1-1/2"	40	229	156	114.5	73	21	1.6	-	4-22
	2"	50	267	165	127	92	22	1.6	178	8-19
	2-1/2"	65	292	190	149	105	25	1.6	190	8-22
	3"	80	318	210	168	127	29	1.6	216	8-22
	4"	100	356	254	200	157	32	1.6	241	8-22
	5"	125	400	279	235	186	35	1.6	267	8-22
	6"	150	444	318	270	216	37	1.6	305	12-22
	8"	200	533	381	330	270	41	1.6	368	12-25
	10"	250	622	444	387.5	324	48	1.6	394	16-29
	12"	300	711	521	451	381	51	1.6	445	16-32
	14"	350	838	584	514.5	413	54	1.6	470	20-32
	16"	400	864	648	571.5	470	57	1.6	533	20-35
	18"	450	978	711	628.5	533	60	1.6	584	24-35
	20"	500	1016	775	686	584	64	1.6	610	24-35
	24"	600	1346	914	813	692	70	1.6	900	24-41

(WCB, CF8, CF8M, Ti, Ni)

止回阀系列
Check valve series



主要尺寸 Main dimensions

公称压力 Nominal pressure	Size	Dimensions(mm)								
	DN	L	D(1)	D(2)	C	g	T	t	H	n-Φ
PN1.6 MPa	15	130	95	95	65	45	14	2	—	4-14
	20	150	105	105	75	55	14	2	—	4-14
	25	160	115	115	85	65	14	2	—	4-14
	32	180	135	135	100	78	16	2	—	4-18
	40	200	145	150	110	85	16	3	—	4-18
	50	230	160	165	125	100	16	3	160	4-18
	65	290	180	185	145	120	18	3	177	4-18
	80	310	195	200	160	135	20	3	187	8-18
	100	350	215	220	180	155	20	3	202	8-18
	125	400	245	250	210	185	22	3	227	8-18
	150	480	280	285	240	210	24	3	263	8-23
	200	550	335	340	295	265	26	3	293	12-23
	250	650	405	405	355	320	30	3	330	12-25
	300	750	460	460	410	375	30	4	392	12-25
	350	850	520	520	470	435	34	4	430	16-25
	400	950	580	580	525	485	36	4	480	16-30
	500	1150	705	705	650	608	44	4	560	20-34
PN2.5 MPa	15	130	95	95	65	45	16	2	—	4-14
	20	150	105	105	75	55	16	2	—	4-14
	25	160	115	115	85	65	16	2	—	4-14
	32	180	135	135	100	78	18	2	—	4-18
	40	200	145	150	110	85	18	3	—	4-18
	50	230	160	165	125	100	20	3	177	4-18
	65	290	180	185	145	120	22	3	192	8-18
	80	310	195	200	160	135	22	3	192	8-18
	100	350	230	235	190	160	24	3	217	8-23
	125	400	270	275	220	188	28	3	250	8-25
	150	480	300	305	250	218	30	3	270	8-25
	200	550	360	365	310	278	34	3	350	12-25
	250	650	425	430	370	332	36	3	410	12-30
	300	750	485	490	430	390	40	4	430	16-30
	350	850	550	555	490	448	44	4	450	16-34
	400	950	610	615	550	505	48	4	560	16-34
	500	1150	730	735	660	610	52	4	618	20-41

H42H-¹⁶/₂₅/₄₀ C、P、R

用途和性能规范

本阀门用于工业管道上作阻止介质逆流的装置。

性能规范:

试验压力: 公称压力 (MPa) 1.6 / 2.5 / 4.0 ;

壳体试验: 2.4 / 3.8 / 6.0 ;

密封试验: 1.8 / 2.8 / 4.4 ;

阀体材料: WCB(C) / CF8(P) / CF8M (R) / WC6 / WC9 ;

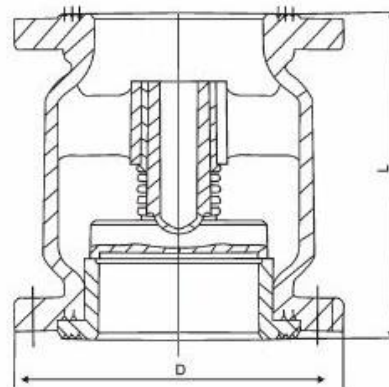
工作温度: $\leq 425 / \leq 100 / \leq 550 / \leq 550$;

适用介质: 水、蒸汽、油品、硝酸类、醋酸类、

执行标准: 设计制造: GB12235 结构长度: GB12221

连接法兰: JB/T79-1994

试验与检验: JB/T9092-1999



主要外形尺寸及连接尺寸Main external and connection dimension

H42H-16C、P、R

公称通径 DN(mm)	尺寸Dimension(mm)					
	L	D	D1	D2	b-f	z-φd
15	85	95	65	45	14-2	4-φ14
20	95	105	75	55	14-2	4-φ14
25	105	115	85	65	14-2	4-φ14
32	150	135	100	78	16-2	4-φ18
40	160	145	110	85	16-3	4-φ18
50	170	160	125	100	16-3	4-φ18
65	180	180	145	120	18-3	4-φ18
80	200	195	160	135	20-3	8-φ18
100	210	215	180	155	20-3	8-φ18
125	275	245	210	185	22-3	8-φ18
150	300	280	240	210	24-3	8-φ23
200	380	335	295	265	26-3	12-φ23
250	430	405	355	320	30-3	12-φ25

H42H-25C、P、R

公称通径 DN(mm)	尺寸Dimension(mm)					
	L	D	D1	D2	b-f	Z-φd
15	85	95	65	45	16-2	4-φ14
20	95	105	75	55	16-2	4-φ14
25	105	115	85	65	16-2	4-φ14
32	150	135	100	78	18-2	4-φ18
40	160	145	110	85	18-2	4-φ18
50	170	160	125	100	20-3	4-φ18
65	180	180	145	120	22-3	8-φ18
80	200	195	160	135	22-3	8-φ18
100	210	230	190	160	24-3	8-φ23
125	275	270	220	188	28-3	8-φ25
150	300	300	250	218	30-3	8-φ25
200	380	360	310	278	34-3	12-φ25
250	430	425	370	335	36-3	12-φ30

BUTTERFLY VALVE SERIES



蝶阀系列



PRODUCT OVERVIEW

产品概述

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。

Butterfly valve is a kind of rotary valve which use disc closure to turn 90° to open and close 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. 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 closing. 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.

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。

THREE ECCENTRIC BUTTERFLY VALVE PRINCIPLE

三偏心蝶阀原理

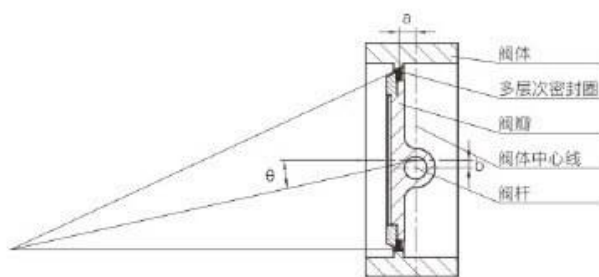


图1

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，表示阀座旋转中心线与阀体中心线之间的角度。

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 β_1 和 β_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。

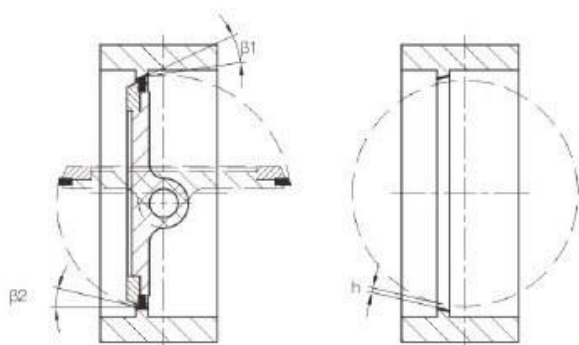


图2

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.

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, β_1 and β_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 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.

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

国标法兰、对夹蝶阀(金属密封、四氟密封)

$D_{673}^{34H}W_{9F}-(16-100)_{RC}^P$

材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

国际标准 + ...



D673H(Y) / D672F



D943H(Y) / D942F



D373H(Y) / D372F

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: PN16~100
- 壳体试验: PT 1.5PN
- 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°C~425°C

SPECIFICATIONS

- Nominal pressure: PN16~100
- Shell test pressure: PT 1.5PN
- Low-pressure closure test: 0.6MPa
- Suitable medium: water, oil, gas, acetic acid, nitric acid
- Suitable temperature: -29°C~425°C



D343H(Y) / D342F



凸耳式
Lug Type

主要零件材料

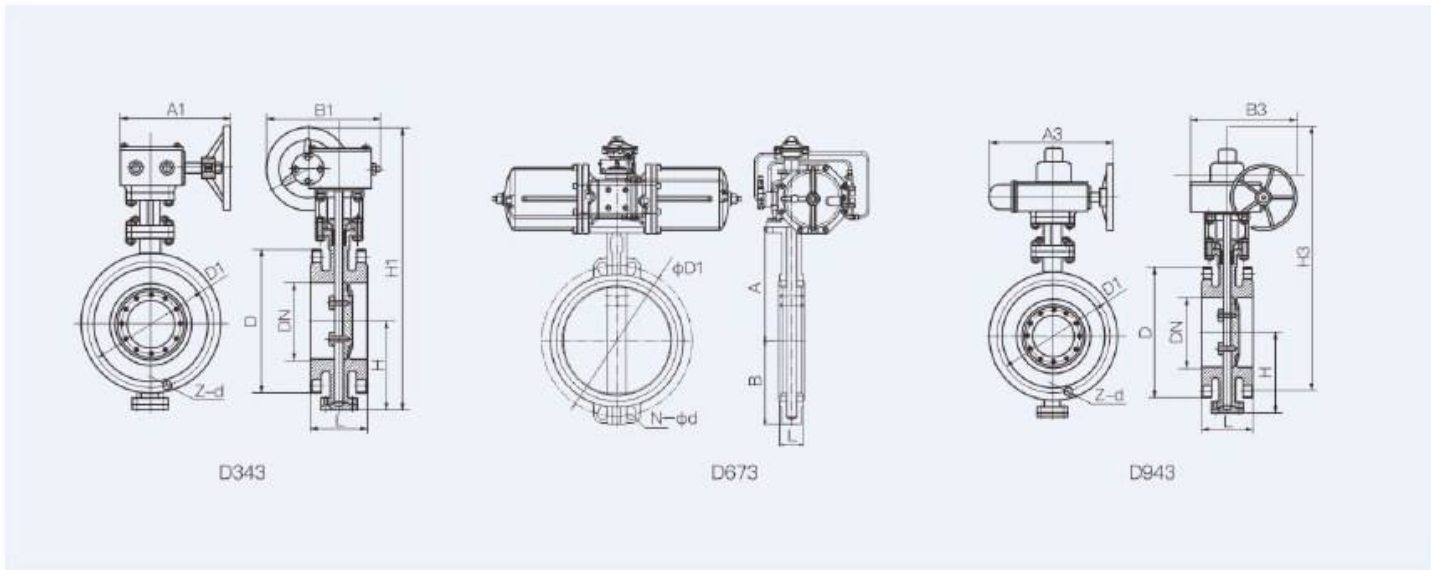
MAIN PARTS AND MATERIALS

材料名称 Material Name	碳钢 Carbon steel	不锈钢 Stainless steel	
阀体 Body	WCB	CF8	CF8M
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

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

国标法兰、对夹蝶阀(金属密封、四氟密封)

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



$\frac{3}{4}$ H $\frac{6}{9}$ W - 10 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

公称口径 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(standard)					
			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
毫米mm	短Brief	长Long																
50	108	150	112	350	180	200	43	161	67	530	250	255	140	110	4-14	165	125	4-18
65	112	170	115	370	180	200	46	166	75	530	250	255	160	130	4-14	185	145	4-18
80	114	180	120	380	180	200	46	173	96	565	250	255	190	150	4-18	200	160	8-18
100	127	190	138	420	180	200	52	187	114	600	250	255	210	170	4-18	220	180	8-18
125	140	200	164	460	180	200	56	194	126	640	250	255	240	200	8-18	250	210	8-18
150	140	210	175	555	270	280	56	216	140	705	300	315	265	225	8-18	285	240	8-22
200	152	230	200	760	400	425	60	256	164	775	300	315	320	280	8-18	340	295	8-22
250	165	250	243	830	400	425	68	286	205	945	300	315	375	335	12-18	395	350	12-22
300	178	270	250	895	450	560	78	327	237	1070	300	315	440	395	12-22	445	400	12-22
350	190	290	280	950	450	560	78	348	260	1140	300	315	490	445	12-22	505	460	16-22
400	216	310	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	350	380	1305	535	580				1415	575	714	645	600	20-22	670	620	20-26
600	267	390	445	1340	570	660				1605	656	810	755	705	20-26	780	725	20-30
700	292	430	480	1520	750	550				1844	656	810	860	810	24-26	895	840	24-30
800	318	470	530	1710	750	550				2040	656	810	975	920	24-30	1015	950	24-33
900	330	510	580	1810	750	550				2255	785	863	1075	1020	24-30	1115	1050	28-33
1000	410	550	650	1960	900	750				2380	785	863	1175	1120	28-30	1230	1160	28-36
1200	470	630	760	2250	1000	925				2640	785	863	1405	1340	32-33	1455	1380	32-39
1400	530	710	850	2435	1000	925				2886			1630	1560	36-36	1675	1590	36-42
1600	600	790	1030	2780	1000	925				3156			1830	1760	40-36	1915	1820	40-48
1800	670	870	1230	3020	1100	980				3421			2045	1970	44-39	2115	2020	44-48
2000	760	950	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

$\frac{3}{9} \frac{4}{7} \frac{H}{F} - 16$ 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) L	外形尺寸(参考值) External dimension(consult)										连接尺寸(标准值) Connection dimension(standard)					
		H	D343			D643			D943			PN1.6MPa			PN2.5MPa		
			H1	A1	B1	H2	A2	B2	H3	A3	B3	D	D1	Z-d	D	D1	Z-d
毫米mm	短Brief																
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

$\frac{3}{9} \frac{4}{7} \frac{H}{F} - 40$ 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) L		外形尺寸(参考值) External dimension(consult)									连接尺寸(标准值) Connection dimension(standard)			
			H	D343			D643			D943			PN4.0MPa		
	毫米mm	短Brief		长Long	H1	A1	B1	H2	A2	B2	H3	A3	B3	D	D1
50	108	150	112	350	180	200	625	250	170	530	250	255	165	125	4-18
65	112	170	115	370	270	280	625	250	170	530	250	255	185	145	8-18
80	114	180	120	380	270	280	645	250	170	565	250	255	200	160	8-18
100	127	190	138	420	270	280	675	250	170	600	250	255	235	190	8-22
125	140	200	164	460	380	420	715	450	220	640	250	255	270	220	8-26
150	140	210	175	555	380	420	800	450	220	705	300	315	300	250	8-26
200	152	230	200	760	400	425	850	450	220	775	300	315	375	320	12-30
250	165	250	243	830	400	425	925	450	280	945	300	315	450	385	12-33
300	178	270	250	895	450	560	1035	650	280	1070	300	315	515	450	16-33
350	190	290	280	950	450	560	1070	650	280	1140	300	315	580	510	16-36
400	216	310	305	1190	535	580	1190	650	280	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。

User's attention: Dimension of H1, H2, H3 in form can lengthen (long stem butterfly valve) according to customer's requirements, this product according to short series generally, if need long series or special material should be mentioned while ordering.

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

美标法兰、对夹蝶阀(金属密封、四氟密封)

$D_{3/4}^{3/4}W_{F}^{H}-(150LB-600LB)_{R}^{P}_{C}$

- 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

- 设计标准: API 609
- 结构长度: ASME B16.10
- 连接法兰: ASME B16.5
- 检验标准: API 598

PRODUCT STANDARDS

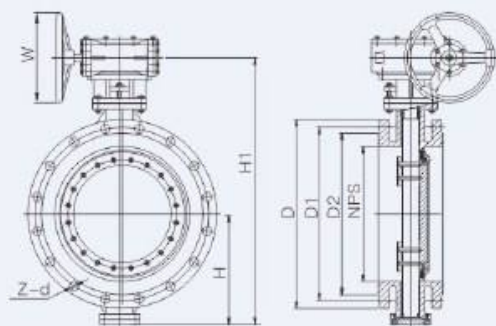
- Design standards: API 609
- Face to Face: ASME B16.10
- Flange end: ASME B16.5
- Test standards: API 598

性能规范

- 公称压力: 150-600LB
- 壳体试验: PT 1.5PN
- 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°C-425°C

SPECIFICATIONS

- Nominal pressure: 150-600LB
- Shell test pressure: PT 1.5PN
- Low-pressure closure test: 0.6MPa
- Suitable medium: water, oil, gas, acetic acid, nitric acid
- Suitable medium: -29°C-425°C



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
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



D373H(Y) / D372F



D343H(Y) / D342F



D673H(Y) / D672F



D943H(Y) / D942F


凸耳式
Lug Type

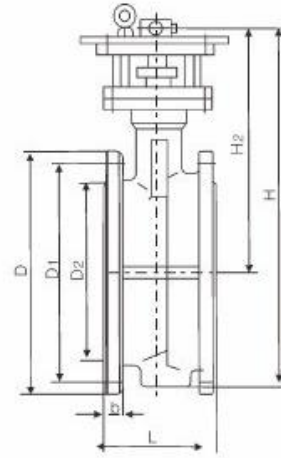
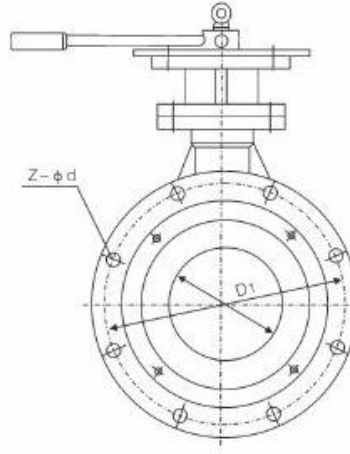
D_{3/4/6/9}^{3/4/6/9}H_F-150Lb C.P.R系列 Series

公称口径 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)							Z-d
		L		H		H1		D		D1		D2			
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	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	

D_{3/4/6/9}^{3/4/6/9}H_F-300Lb C.P.R系列 Series

公称通径 Nominal diameter		结构长度 Structure length		外形尺寸 External dimension				连接尺寸 Connection dimension						
		L		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	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

(WCB, CF8, CF8M, Ti, Ni)



应用规范:

1. 设计、制造按GB/T12238-1989
2. 结构长度按GB/T12221-2005
3. 连接法兰: GB/T9113-2000
4. 阀门检查和试验按JB/T9092-1999

D43^H_F-10C.P.R连接尺寸

通径DN	L	D	D ₁	D ₂	z-Φd	b	H	H ₂
50	108	165	125	99	4-18	20	340	112
65	112	185	145	118	4-18	20	360	115
80	114	200	160	132	8-18	20	380	120
100	127	220	180	156	8-18	22	410	130
125	140	250	210	184	8-18	22	460	165
150	140	285	240	211	8-22	24	490	175

D43^H_F-16C.P.R连接尺寸

通径DN	L	D	D ₁	D ₂	z-Φd	b	H	H ₂
50	108	165	125	99	4-18	20	340	112
65	112	185	145	118	4-18	20	360	115
80	114	200	160	132	8-18	20	380	120
100	127	220	180	156	8-18	22	410	130
125	140	250	210	184	8-18	22	460	165
150	140	285	240	211	8-22	24	490	175

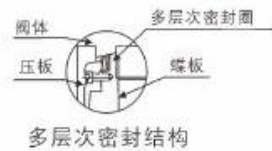
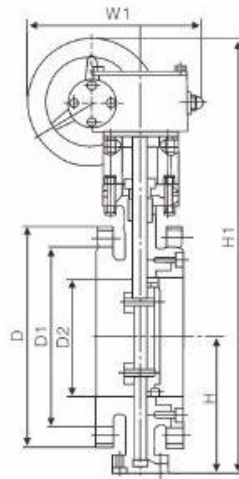
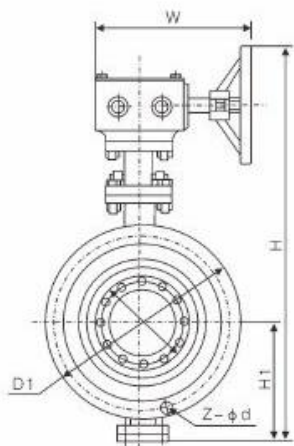
D43^H_F-25C.P.R连接尺寸

通径DN	L	D	D ₁	D ₂	z-Φd	b	H	H ₂
50	108	165	125	99	4-18	20	340	112
65	112	185	145	118	8-18	22	360	115
80	114	200	160	132	8-18	24	380	120
100	127	235	190	156	8-22	24	425	130
125	140	270	220	184	8-26	26	480	175
150	140	300	250	211	8-26	28	520	190

D343H蜗轮传动法兰式金属硬密封蝶阀

D343H Worm Gear Flanged Metal Hard Sealing butterfly valve

(WCB、CF8、CF8M、Ti、Ni)



应用规范:

1. 设计、制造按GB/T12238-1989
2. 结构长度按GB/T12221-2005
3. 连接法兰: GB/T9113-2000
4. 阀门检查和试验按JB/T9092-1999

D343^H_F-10C.P.R连接尺寸

通径DN	L	D	D ₁	D ₂	Z-Φd	b	H	H ₁	W	W ₁	D ₉
50	108	165	125	99	4-18	20	360	112	200	200	160
65	112	185	145	118	4-18	20	380	115	200	200	160
80	114	200	160	132	8-18	20	455	120	220	200	160
100	127	220	180	156	8-18	22	490	140	240	200	160
125	140	250	210	184	8-18	22	490	170	260	200	160
150	140	285	240	211	8-22	24	630	180	280	280	240
200	152	340	295	266	8-22	24	690	210	320	280	240
250	165	395	350	319	12-22	26	830	240	360	280	240
300	178	445	400	370	12-22	26	930	290	460	420	310
350	190	505	460	429	16-22	26	1010	320	500	420	310
400	216	565	515	480	16-26	26	1070	350	540	420	310
450	222	615	565	530	20-26	28	1140	380	580	420	310
500	229	670	620	582	20-26	28	1200	410	620	420	310
600	267	780	725	682	20-30	34	1340	470	660	420	310
700	292	895	840	794	24-30	34	1600	550	750	550	400
800	318	1015	950	901	24-33	36	1780	640	800	550	400
900	330	1115	1050	1001	28-33	38	1920	710	850	550	400
1000	410	1230	1160	1112	28-36	38	1960	770	1000	750	500
1200	470	1455	1380	1328	32-39	44	2360	875	1050	750	500
1400	530	1675	1590	1530	36-42	48	2530	970	800	890	600
1600	600	1915	1820	1750	40-48	52	2640	1100	800	890	600
1800	670	2115	2020	1950	44-48	56	2800	1200	830	920	700
2000	760	2325	2230	2150	48-48	60	3100	1290	850	940	700

FILTER SERIES



过滤器系列



FLANGED STRAINERS

法兰过滤器

I SY41-(16~100、150LB~600LB、10K~20K) ^P_R_C

I 材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

I 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: HG/T 20592、ASME B16.5、JIS B2220、EN 1092-1
- 检验与试验: GB/T 26480、GB/T 13927、API 598

PRODUCT STANDARDS

- Connection flange: HG/T 20592、ASME B16.5、JIS B2220、EN 1092-1
- Test and inspection: GB/T 26480、GB/T 13927、API 598

性能规范

- 公称压力: (1.6~10)MPa, (150~600)LB, (10~20)K
- 强度试验压力: PT1.5PN Mpa
- 适用介质: 碳素钢C: 水、油品、气 铬镍钢P: 硝酸类 铬镍钼钢R: 醋酸类 适用温度: -29~150°C/-29~425°C

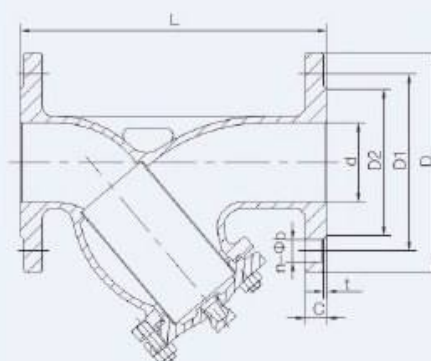
SPECIFICATIONS

- Nominal pressure: (1.6~10)MPa, (150~600)LB, (10~20)K
- Strength test pressure: PT1.5PN Mpa
- Suitable medium: Carbon steel C Water, Oil, Gas Cr-Ni steel P Nitric acid, Cr-Ni-Mo steel R Acetic acid
- Suitable temperature: -29~150°C/-29~425°C

主要零件材料

MAIN PARTS AND MATERIALS

材料名称 Material Name	碳素钢C Carbon steel C	铬镍钢P Cr-Ni steel P	铬镍钼钢R Cr-Ni-Mo steel 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		



FLANGED STRAINERS

法兰过滤器

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

目标(JIS): 10K

DN	d	L	D	D1	D2	C	t	n-Φb
15A	15	130	95	70	51	12	1	4-Φ15
20A	20	140	100	75	56	14	1	4-Φ15
25A	25	150	125	90	67	14	1	4-Φ19
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

目标(JIS): 20K

DN	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

BALL VALVE (SCREWED, WELDED, CLAMP) SERIES



(螺纹、焊接、快装) 球阀系列



1PC TYPE BALL VALVE WITH INTERNAL THREAD

1000WOG 一片式内螺纹球阀

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
- 低气压密封试验压力: 0.6MPa
- 适用温度: -29°C~150°C
- 适用介质:
 - Q11F-(16-64)C 水、油品、气
 - Q11F-(16-64)P 硝酸类
 - Q11F-(16-64)R 醋酸类

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 temperature: -29°C~150°C
- Applicable media:
 - Q11F-(16-64)C Water, Oil, Gas
 - Q11F-(16-64)P Nitric acid
 - Q11F-(16-64)R Acetic acid

主要零件材料

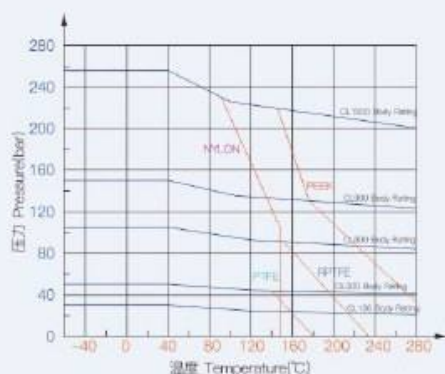
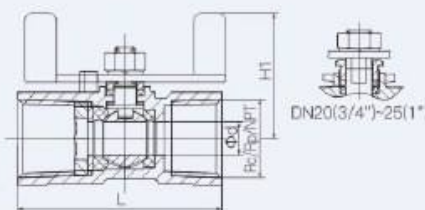
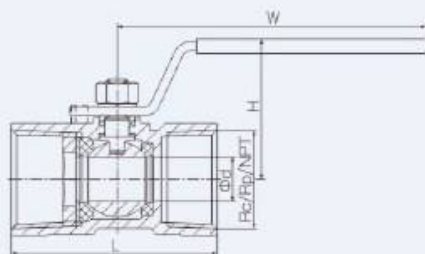
MAIN PARTS AND MATERIALS

材料名称 Material Name	碳钢 Carbon Steel	不锈钢 Stainless Steel	双相钢 Dual Phase Steel
阀体 Body	WCB	CF8, CF3, CF8M, CF3M	4A/5A
阀盖 Bonnet	WCB	CF8, CF3, CF8M, CF3M	4A/5A
球体 Ball	13Cr/304/316	304/316	2205/2507
阀杆 Stem	13Cr/304/316	304/316/17-4PH	2205/2507
密封圈 Sealing	PTFE/RPTFE/Nylon/PEEK		
填料 Gland Packing	PTFE/RPTFE/Nylon/PEEK		

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

规格		L	d	Rc/Rp/NPT	W	H	H1
DN	Inch						
8	1/4"	40	5	1/4"	70	33.5	28
10	3/8"	45	7	3/8"	70	35	33.5
15	1/2"	55	9	1/2"	80	39	36.5
20	3/4"	60	11.5	3/4"	95	50	51
25	1"	70	15	1"	105	54	53
32	1 1/4"	80	19.5	1 1/4"	120	65.5	
40	1 1/2"	86	25	1 1/2"	140	72	
50	2"	101	32	2"	150	81	
65	2 1/2"	119	38	2 1/2"	170	96.5	
80	3"	140	49	3"	185	105	
100	4"	186	64	4"	220	116.5	



1PC TYPE BALL VALVE WITH INTERNAL THREAD

2000WOG 一片式内螺纹球阀

材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

国际标准 + ...

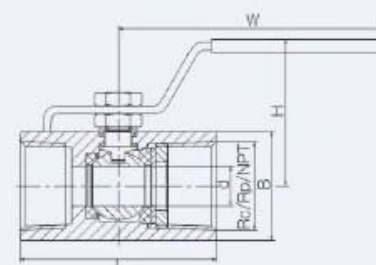


性能规范

- 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
- 低压力密封试验压力: 0.6MPa
- 适用温度: -29°C~150°C
- 适用介质:
 - Q11F-(16-64)C 水、油品、气
 - Q11F-(16-64)P 硝酸类
 - Q11F-(16-64)R 醋酸类

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 temperature: -29°C~150°C
- Applicable media:
 - Q11F-(16-64)C Water, Oil, Gas
 - Q11F-(16-64)P Nitric acid
 - Q11F-(16-64)R Acetic acid



主要零件材料

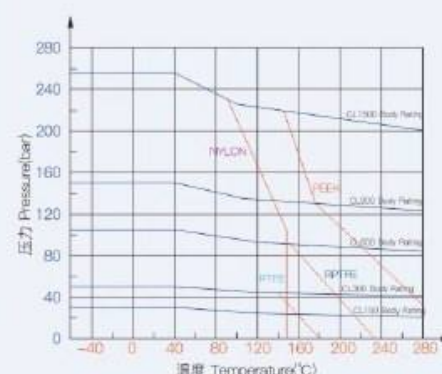
MAIN PARTS AND MATERIALS

材料名称 Material Name	碳钢 Carbon Steel	不锈钢 Stainless Steel	双相钢 Dual Phase Steel
阀体 Body	WCB	CF8, CF3, CF8M, CF3M	4A/5A
阀盖 Bonnet	WCB	CF8, CF3, CF8M, CF3M	4A/5A
球体 Ball	13Cr/304/316	304/316	2205/2507
阀杆 Stem	13Cr/304/316	304/316/17-4PH	2205/2507
密封圈 Sealing	PTFE/RPTFE/Nylon/PEEK		
填料 Gland Packing	PTFE/RPTFE/Nylon/PEEK		

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

规格		L	d	Rc/Rp/NPT	W	H	B
DN	Inch						
8	1/4"	42	5	1/4"	80	34	21
10	3/8"	52	7	3/8"	85	36.5	25
15	1/2"	58	9	1/2"	85	42	30
20	3/4"	65	12	3/4"	90	48	36
25	1"	74	15	1"	100	55	46
32	1 1/4"	86	20	1 1/4"	110	60	55
40	1 1/2"	94	25	1 1/2"	130	73	60
50	2"	108	32	2"	145	80	75



MINI BALL VALVE

迷你球阀

材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

国际标准 + ...



技术规范

- 设计标准: ASME B16.34
- 连接标准: ASME B1.20.1(NPT)
DIN2999 & BS21、ISO228/1&ISO7/1
- 试验与检验: API 598

TECHNICAL SPECIFICATION

- Design Standard: ASME B16.34
- End Connections: ASME B1.20.1(NPT)
DIN2999 & BS21、ISO228/1&ISO7/1
- Test and Inspection: API 598

主要零件材料 MAIN PARTS AND MATERIALS

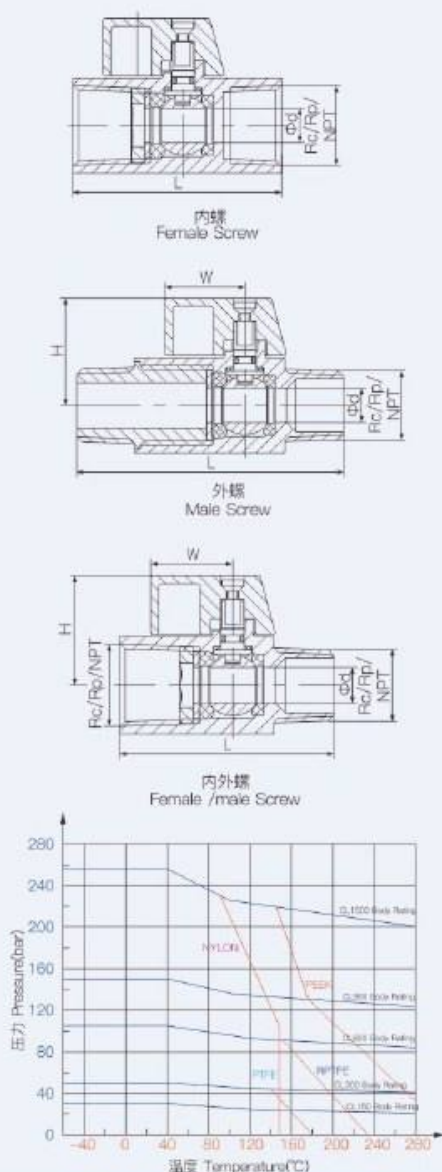
材料名称 Material Name	不锈钢 Stainless steel		锻钢 Forged steel
阀体 Body	A351 CF8	A351 CF8M	F304
球体 Ball	A276 304/A276 316		F316
阀杆 Stem	2Cr13/A276 304/A276 316		
阀座 Seat	PTFE、RPTFE		

内螺 DN(mm)	Rc/Rp/NPT	d	L	H	W
8	1/4"	5	42	25	21
10	3/8"	7	45	27	21
15	1/2"	9	55	28.5	21
20	3/4"	12	56	33	22
25	1"	15	66	35.5	22

外螺 DN(mm)	Rc/Rp/NPT	d	L	H	W
8	1/4"	5	57	25	21
10	3/8"	7	60	27	21
15	1/2"	9	71	28.5	21
20	3/4"	12	72	33	22
25	1"	15	83	35.5	22

内外螺 DN(mm)	Rc/Rp/NPT	d	L	H	W
8	1/4"	5	46	25	21
10	3/8"	7	48	27	21
15	1/2"	9	56	28.5	21
20	3/4"	12	56	33	22
25	1"	15	66	35.5	22

如需其他标准参数请与本公司联系
If you need other standard specification, please contact us



2PC TYPE BALL VALVE WITH INTERNAL THREAD

1000WOG 两片式内螺纹球阀

材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

国际标准 + ...



高平台
ISO High
Mount Pad



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
- 适用温度: -29°C~150°C
- 适用介质:
Q11F-(16-64)C 水、油品、气
Q11F-(16-64)P 硝酸类
Q11F-(16-64)R 醋酸类

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 temperature: -29°C~150°C
- Applicable media:
Q11F-(16-64)C Water, Oil, Gas
Q11F-(16-64)P Nitric acid
Q11F-(16-64)R Acetic acid

主要零件材料

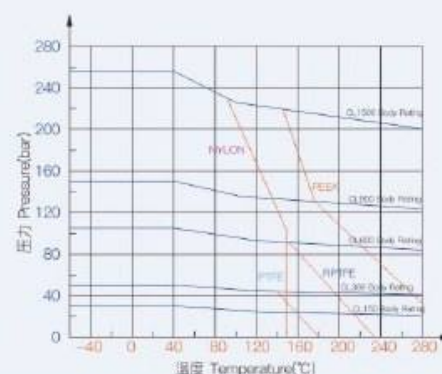
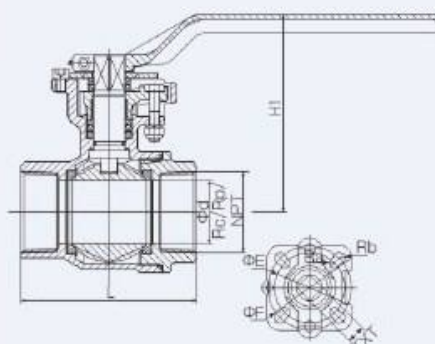
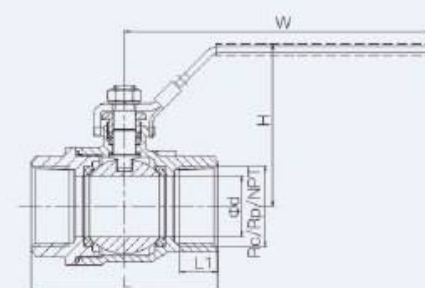
MAIN PARTS AND MATERIALS

材料名称 Material Name	碳钢 Carbon Steel	不锈钢 Stainless Steel	双相钢 Dual Phase Steel
阀体 Body	WCB	CF8, CF3, CF8M, CF3M	4A/5A
阀盖 Bonnet	WCB	CF8, CF3, CF8M, CF3M	4A/5A
球体 Ball	13Cr/304/316	304/316	2205/2507
阀杆 Stem	13Cr/304/316	304/316/17-4PH	2205/2507
密封圈 Sealing	PTFE/RPTFE/Nylon/PEEK		
填料 Gland Packing	PTFE/RPTFE/Nylon/PEEK		

主要外形尺寸和连接尺寸

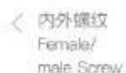
THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

规格		L	L1	d	Rc/Rp/ NPT	W	H	H1	E	F	TXT
DN	Inch										
8	1/4"	55	13	11	1/4"	95	48.5				
10	3/8"	60	13	11.5	3/8"	95	48.5				
15	1/2"	63	13.5	15	1/2"	105	54	75	36	42	9X9
20	3/4"	73	15	19.5	3/4"	120	65.5	81	36	42	9X9
25	1"	84	17	25	1"	140	72	91.5	42	50	11X11
32	1 1/4"	98	20	32	1 1/4"	150	81	100.5	42	50	11X11
40	1 1/2"	105.5	21	38	1 1/2"	170	96	118.5	50	70	14X14
50	2"	120.5	23	49	2"	185	105	125.5	50	70	14X14
65	2 1/2"	152	28	64	2 1/2"	220	125				
80	3"	170.5	30	77	3"	270	134.5				
100	4"	204	36	99	4"	315	157				



1000WOG 两片式螺纹球阀

1 国际标准 + ...



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 temperature: -29℃-150℃
- Applicable media:
Q21F-(16-64)C Water, Oil, Gas
Q21F-(16-64)P Nitric acid
Q21F-(16-64)R Acetic acid

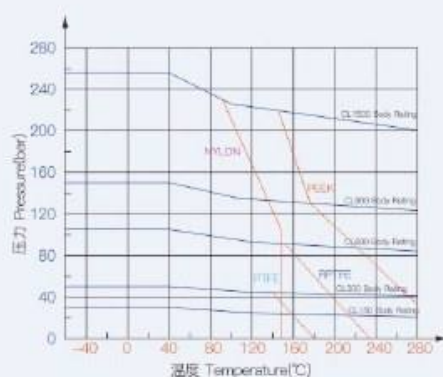
MAIN PARTS AND MATERIALS

材料名称 Material Name	碳素钢 Carbon Steel	不锈钢 Stainless Steel	双相钢 Dual Phase Steel
阀体 Body	WCB	CF8、CF3、CF8M、CF3M	4A/5A
阀盖 Bonnet	WCB	CF8、CF3、CF8M、CF3M	4A/5A
球体 Ball	13Cr/304/316	304/316	2205/2507
阀杆 Stem	13Cr/304/316	304/316/17-4PH	2205/2507
密封圈 Sealing		PTFE/RPTFE/Nylon/PEEK	
填料 Gland Packing		PTFE/RPTFE/Nylon/PEEK	

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

外螺紋 Male Screw

规格		L	d	Rc/Rp/ NPT	W	H
DN	Inch					
8	1/4"	69	10	1/4"	95	48.5
10	3/8"	69	12	3/8"	95	48.5
15	1/2"	77	15	1/2"	105	54
20	3/4"	85	20	3/4"	115	65.5
25	1"	95	25	1"	140	72
32	1 1/4"	111.5	32	1 1/4"	140	81
40	1 1/2"	124	38	1 1/2"	170	95
50	2"	139	49	2"	185	105



2PC FIRE SAFE BALL VALVE WITH THREAD

3000WOG 两片式防火型内螺纹球阀

材质: 不锈钢、双相钢、碳钢、高温钢、特殊钢、钛、镍、锆等

国际标准 + ...

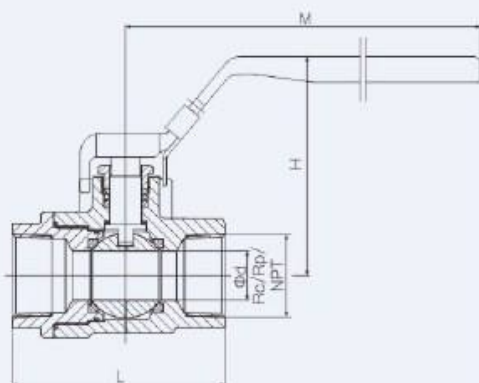


技术规范

- 设计标准: ASME B16.34
- 结构长度: DIN3202-M3
- 连接标准: ASME M20.11(NPT)、DIN2999&BS21、ISO228/1&ISO7/1
- 试验与检验: API 598

TECHNICAL SPECIFICATION

- Design Standard: ASME B16.34
- Face to Face: DIN3202-M3
- End Connections: ASME M20.11(NPT), DIN2999&BS21, ISO228/1&ISO7/1
- Test and Inspection: API 598



主要零件材料

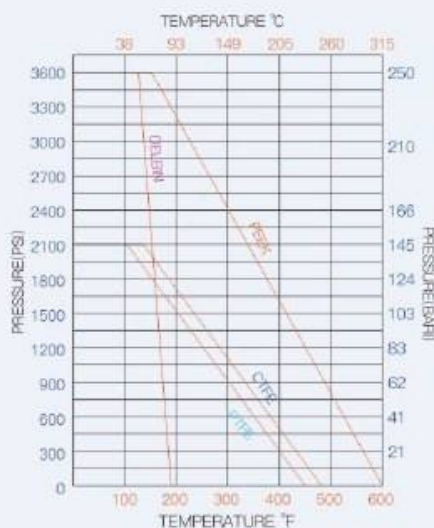
MAIN PARTS AND MATERIALS

材料名称 Material Name	碳钢 Carbon Steel	不锈钢 Stainless Steel	双相钢 Dual Phase Steel
阀体 Body	WCB	CF8, CF3, CF8M, CF3M	4A/5A
阀盖 Bonnet	WCB	CF8, CF3, CF8M, CF3M	4A/5A
球体 Ball	13Cr/304/316	304/316	2205/2507
阀杆 Stem	13Cr/304/316	304/316/17-4PH	2205/2507
密封圈 Sealing	PTFE/RPTFE/Nylon/PEEK		
填料 Gland Packing	PTFE/RPTFE/Nylon/PEEK		

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

规格		L	d	Rc/Rp/NPT	W	H
DN	Inch					
8	1/4"	67	10	1/4"	130	75
10	3/8"	67	10	3/8"	130	75
15	1/2"	76	12	1/2"	155	75.5
20	3/4"	84	15	3/4"	180	83.5
25	1"	98	20	1"	180	89
32	1 1/4"	108	25	1 1/4"	220	111
40	1 1/2"	119	32	1 1/2"	220	115
50	2"	135	38	2"	260	127



2PC TECHNOLOGY TYPE BALL VALVE WITH INTERNAL THREAD (PN25)

两片式科技型内螺纹球阀(PN25)

材质: 不锈钢、双相钢、碳钢

国际标准 + ...



性能规范

- 公称压力: PN1.6, 2.5MPa
- 强度试验压力: PT2.4, 3.8MPa
- 低压气密封试验压力: 0.6MPa
- 适用温度: -29°C~150°C
- 适用介质:
- Q11F-(16-64)C 水、油品、气
- Q11F-(16-64)P 硝酸类
- Q11F-(16-64)R 醋酸类

SPECIFICATIONS

- Nominal pressure: PN1.6, 2.5Mpa
- Strength testing pressure: PT2.4, 3.8MPa
- Seat testing pressure(low pressure): 0.6MPa
- Applicable temperature: -29°C~150°C
- Applicable media:
- Q11F-(16-64)C Water, Oil, Gas
- Q11F-(16-64)P Nitric acid
- Q11F-(16-64)R Acetic acid

主要零件材料

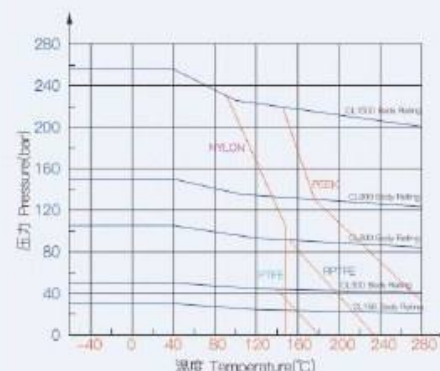
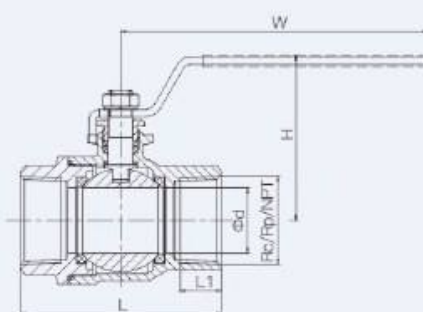
MAIN PARTS AND MATERIALS

材料名称 Material Name	Q11F-(16-64)C	Q11F-(16-64)P	Q11F-(16-64)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)		

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

规格		L	d	Rc/Rp/NPT	W	H
DN	Inch					
15	1/2"	58	15	1/2"	95	51
20	3/4"	66.5	19.5	3/4"	105	56
25	1"	76	25	1"	120	70
32	1 1/4"	91	32	1 1/4"	140	77
40	1 1/2"	100	38	1 1/2"	150	85
50	2"	118	49	2"	170	105



ANGLE SEAT VALVE SERIES



角座阀系列



AJ PNEUMATIC ANGLE SEAT VALVE SERIES

AJ气动角座阀系列

应用

角座阀具有流量大、省空间、耐高压等特性，被广泛应用于食品、饮料、制药及医疗设备、精细化工、水处理等行业。非常适用于短时间内高频气动，反应灵敏，动作准确，可以配合电磁阀或定位器使用，用于气动控制、精准流量调节等功能，可以实现对流体物料和蒸汽流量的精准控制。

APPLICATION

Angle seat valves have the characteristics of large flow, space saving, and high pressure resistance. They are widely used in food, beverage, pharmaceutical and medical equipment, fine chemicals, water treatment and other industries. It is very suitable for high-frequency pneumatics in a short period of time, with sensitive response and accurate movement. It can be used with solenoid valves or positioners for pneumatic control, precise flow adjustment and other functions, and can achieve precise control of fluid, liquid and steam flow.

工作原理

在非工作状态时，由于弹簧力作用，阀门常闭(开)。当执行器活塞被压缩气体作用时，阀门打开(关闭)。双作用形式靠压缩气体控制阀门开关。

FUNCTION PRINCIPLE

Valve is closed(open) with spring force, when the piston is actuated by compressed air, valve is open (closed). For the double acting type, the valve is open and closed by compressed air.

技术特点

- 多种可选附件：限位螺栓（开 / 关），电子式位置反馈，调节定位器；
- 不锈钢气动头，耐紫外线，比塑料及铝合金气动头更加耐用，可在恶劣环境中使用，可360度旋转；
- 耐腐蚀性，设计符合GMP标准，无死角、无滞留、易于清洗；
- 先进的阀体角座结构，流量比普通阀体大30%左右，流通性比同类产品好；
- 密封材料是聚四氟乙烯，可抗180℃的高温；
- 气动头和阀体之间的密封由多层不同材料的密封圈组成，密封效果更好；
- 无水锤作用，流通从阀杆下方流入时，水锤（冲击力）被吸收。

TECHNICAL FEATURES

- Various optional accessories: limit bolt (open/close), electronic position feedback, adjusting positioner;
- Stainless steel pneumatic head, UV-resistant, more durable than plastic and aluminum alloy pneumatic heads, can be used in harsh environments, and can rotate 360 degrees;
- Corrosion resistance, design complies with GMP standards, no dead corners, no retention, and easy to clean;
- Advanced valve body angle seat structure, the flow rate is about 30% greater than that of ordinary valve bodies, and the fluidity is better than similar products.
- The sealing material is polytetrafluoroethylene, which can withstand high temperatures of 180°C;
- The seal between the pneumatic head and the valve body is composed of multiple layers of sealing rings of different materials, which has better sealing effect;
- There is no water hammer effect. When the flow flows in from under the valve stem, the water hammer (impact force) is absorbed.



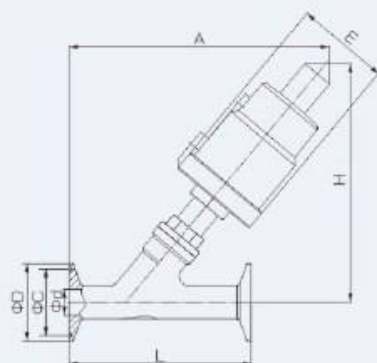
技术参数

TECHNICAL PARAMETERS

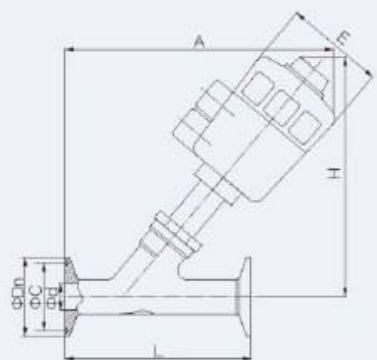
管道压力 Pipeline Pressure	Max 1.6MPa(232psi)
控制压力 Control Pressure	0.3-0.8MPa(43.5-116psi)
控制介质 Control Medium	中性气体或空气 Neutral gas or air
阀体材料 Valve Body Material	CF3M/CF8
密封材料 Seal Material	PTFE
气缸材料 Pneumatic Cylinder Material	CF8
气缸尺寸 Pneumatic Cylinder Size	50mm, 63mm, 90mm, 125mm
适用介质 Applicable Medium	水、酒精、油、燃料、蒸汽、中性气体或液体、有机溶剂、酸碱溶液 Water, alcohol, oil, fuel, steam, neutral gas or liquid, organic solvent, acid-base solution
介质粘度 Medium Viscosity	Max 600mm ² /s
介质温度 Medium Temperature	常温型 Normal temperature type (-29℃—+180℃), 高温型 High temperature type (-29℃—+230℃)
环境温度 Ambient Temperature	-10℃—60℃
控制形式 Control Type	单作用常闭, 常开, 双作用常闭, 双作用自由态 Single acting normally closed, normally open, double acting normally closed, double acting free state
连接形式 Connection Type	螺纹式, 焊接式, 法兰式, 快装式 Threaded type, Welded type, Flange type, Quick installation type

PNEUMATIC QUICK INSTALLATION ANGLE SEAT VALVE

气动快装角座阀



AJB684F-16P



AJS684F-16P

气动快装不锈钢角座阀

PNEUMATIC QUICK INSTALLATION STAINLESS STEEL ANGLE SEAT VALVE

SIZE	L	d	C	A	D	H	E	Actuator
DN15	120	15.5	22	160	25	145	62	50
DN20	140	19	24	170	50.5	148	62	50
DN25	160	22.5	28.5	185	50.5	157	62	50
DN32	175	28.5	35	228	50.5	195	76	63
DN40	190	35	43.5	226	50.5	198	76	63
DN50	210	48	57.5	251	64	218	96	80
DN65	225	60	71.5	278	77.5/91	235	96	80

气动快装塑料角座阀

PNEUMATIC QUICK-INSTALL PLASTIC ANGLE SEAT VALVE

SIZE	L	d	C	A	D	H	E	Actuator
DN15	120	15.5	22	170	25	155	64	50
DN20	140	19	24	178	50.5	158	64	50
DN25	160	22.5	28.5	210	50.5	188	80	63
DN32	175	28.5	35	235	50.5	202	80	63
DN40	190	35	43.5	267	50.5	238	80	63
DN50	210	48	57.5	270	64	240	100	80
DN65	225	60	71.5	288	77.5/91	265	100	80

PNEUMATIC WELDED ANGLE SEAT VALVE

气动焊接角座阀



气动焊接不锈钢角座阀

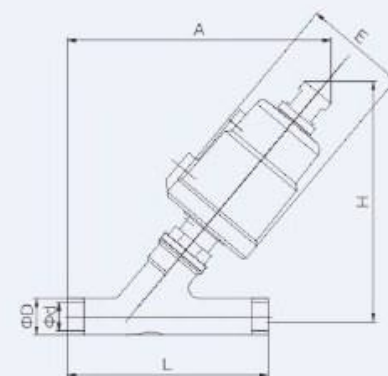
PNEUMATIC WELDED STAINLESS STEEL ANGLE SEAT VALVE

SIZE	L	d	D	A	H	E	Actuator
DN15	120	15.5	19.1	160	145	62	50
DN20	140	19	22	170	148	62	50
DN25	160	22.5	25.5	185	157	62	50
DN32	175	28.5	32	228	195	76	63
DN40	190	35	38.2	226	198	76	63
DN50	210	48	51	251	218	96	80
DN65	225	60	64	278	235	96	80

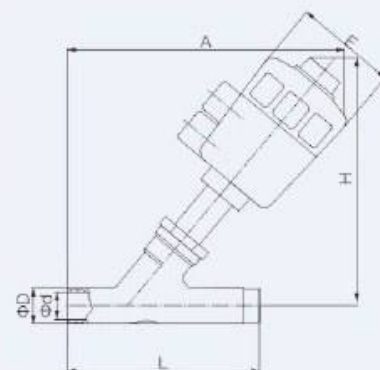
气动焊接塑料角座阀

PNEUMATIC WELDED PLASTIC ANGLE SEAT VALVE

SIZE	L	d	D	A	H	E	Actuator
DN15	120	15.5	19.1	170	155	64	50
DN20	140	19	22	178	158	64	50
DN25	160	22.5	25.5	210	188	80	63
DN32	175	28.5	32	235	202	80	63
DN40	190	35	38.2	267	238	80	63
DN50	210	48	51	270	240	100	80
DN65	225	60	64	288	265	100	80



AJB664F-16P



AJS664F-16P

DIAPHRAGM VALVE SERIES



隔膜阀系列



AG SANITARY DIAPHRAGM VALVE SERIES

AG卫生级隔膜阀系列



产品概述

无菌隔膜阀广泛应用于食品和生物制药以及半导体超纯行业，微电子工业，精细化工行业。对防止细菌滋生、注重清洗、灭菌性能的应用场合中，无菌隔膜阀是一款理想的产品。采用静态密封的隔膜阀其密封组件不具备磨损性，阀门结构无死角，因而更卫生、更耐用。

特点

- 阀体有铸造和锻造可供选择，适用于国内外客户的不同使用需求。
- 产品规格齐全，从DN10~DN80任意规格可选。
- 进口材质膜片，耐腐蚀性好，符合美国FDA食品级要求，并通过SGS检测合格。
- 阀体周围的凸台与膜片对应位置的凸起筋咬合密封，确保膜片在打开或关闭状态都能与阀体紧密密封，实现“零”残留，易清洗，符合EHEDG设计标准。
- 常闭式膜片结构，手动开关更省力。
- 旋转手轮可通过调节限位螺母实现过度闭合保护，已确保膜片有预订的关闭压力，优化了密封功能的安全性，延长了膜片的使用寿命。
- 手轮与上盖之间的红色开关显示，可目测阀门的开关状态及开关程度。
- 气动阀门可根据客户需求加装电磁阀、位置反馈或定位调节器，实现阀门的自动控制或流量调节。

PRODUCT DESCRIPTION

Sterile diaphragm valves are widely used in food and biopharmaceutical as well as semiconductor ultrapure industries, microelectronics industry, and fine chemical industry. For applications that prevent bacterial growth and focus on cleaning and sterilization performance, the aseptic diaphragm valve is an ideal product. The static sealing diaphragm valve has no abrasive sealing components and without dead ends in the valve structure, so it is more hygienic and more durable.

FEATURES

- The valve body is available in casting TYPE or forged Type, which is suitable for different usage needs of domestic and foreign customers.
- Complete product specifications, any specifications from DN10 to DN80 are available.
- The diaphragm is made of imported material, has good corrosion resistance, meets the US FDA food grade requirements, and has passed SGS testing.
- The valve body raise place and the raised ribs at the corresponding position of the diaphragm are engaged and sealed to ensure that the diaphragm can be tightly sealed with the valve body in the open or closed state, achieving "zero" residue, easy cleaning, and compliant with EHEDG design standards.
- Normally closed diaphragm structure, manual switch saves energy.
- The rotating handwheel can realize over-closing protection by adjusting the limit nut, ensuring that the diaphragm has a predetermined closing pressure, optimizing the safety of the sealing function and extending the service life of the diaphragm.
- The red switch display between the handwheel and the upper cover allows visual inspection of the valve's switching status and degree.
- Pneumatic valves can be equipped with solenoid valves, position feedback or positioning regulators according to customer needs to achieve automatic control or flow adjustment of the valve.

Controller 控制器	 反馈装置 Feedback Device	 调节定位器 Regulating Positioner			
Actuator 执行器	 不锈钢 Stainless Steel	 复合材料 Composite Material	 不锈钢 Stainless Steel	 复合材料 Composite Material	 复合材料 Composite Material
Diaphragm 膜片	 EPDM	 EPDM+TFM			
Valve Body 阀体	 直通型 Straight-through type	 T型 T-type	 多通道 Multi Channel	 SAP / GMP	 罐底阀 Tank Bottom Valve

DIAPHRAGM

膜片

膜片

DIAPHRAGM

与传统的隔膜阀阀体不同，无菌隔膜阀阀体上有一条紧密扣在内径上的密封突起，这可以减少膜片与阀体之间的环形间隙。隔膜阀的这一特点使之特别适用于无菌制程。

Different from the traditional diaphragm valve body, the aseptic diaphragm valve body has a sealing protrusion that tightly snaps on the inner diameter, which can reduce the annular gap between the diaphragm and the valve body. This feature of the diaphragm valve makes it particularly suitable for aseptic processes.



膜片材质

DIAPHRAGM MATERIAL

膜片有EPDM软性人造橡胶和TFM硬性人造橡胶两种可供选择，可选单双膜片。

双膜片设计允许两片隔膜片各自独立的工作，这样可以减少因不同的热属性而引起的张紧。每种应用有不同的工作条件，因此对隔膜也有不同的要求。为选出最适合您的膜片，需要考虑以下因素：工作压力、应用温度、工艺流体。EPDM能够适用于大多数应用工况，部分高温工况需要使用TFM材质膜片。

Diaphragms are available in EPDM rubber and TFM rubber, with single and double diaphragms optional.

The dual diaphragm design allows the two diaphragms to operate independently, which reduces tension caused by different thermal properties. Each application has different operating conditions and therefore different requirements for the diaphragm. To select the diaphragm that is best for you, consider the following factors: operating pressure, application temperature, process fluid. EPDM can be suitable for most application conditions, and some high-temperature conditions require the use of TFM material diaphragms.



膜片可单独购买

The Diaphragms can be purchased separately.

技术参数

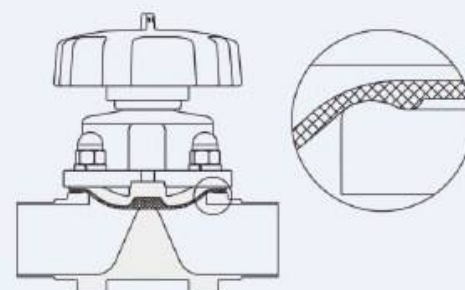
TECHNICAL PARAMETERS

项目	Project	数据	Data
控制方式	Data	手动	Manual operation
自动控制	Control Mode	气动常闭/双动	Pneumatic normally closed/double acting
反馈装置	Feedback device	自动调节器，气缸行程开关	Automatic regulator, cylinder stroke switch
阀体材质	Valve Body Material	CF3M(316L), 1.4435(316L)	
膜片材质	Diaphragm Material	EPDM, EPDM+PTFE	
尺寸规格	Size Specification	DN10-DN80	
连接方式	Connection type	焊式/卡式/焊卡式	Welding type/clamped type/welding clamped type
表面处理	Surface Treatment	外表面喷砂	Surface sandblasting
		内表面 Inner surface	Ra≤0.5μm(SF1), Ra≤0.375μm(SF4)

接口口径 Interface Caliber			DN10-DN50	DN65/DN80
工作环境 Working Environment	EPDM	工作压力 Working Pressure	10bar	8bar
		流体介质 Fluid Medium	-10°C-130°C, 14-212°F	
		蒸汽灭菌 Steam Sterilization	150°C, 302°F max.60min	
	EPDM+TFM	工作压力 Working Pressure	6bar, 87psi	5bar, 72psi
		流体介质 Fluid Medium	-10°C-150°C, 14-212°F	
		蒸汽灭菌 Steam Sterilization	150°C, 302°F no limit	
控制压力 Control Pressure	常闭(NC)	Normally Closed(NC)	5-6bar, 72-87psi	5-7bar, 72-101psi
	常开(NO)	Normally Open(NO)	5.5bar, 79psi	
	双动(DA)	Double Action(DA)	5.5bar, 79psi	
	气动接口	Pneumatic Interface	G1/8"	G1/4"

EPDM 和TFM膜片若长期在上述温度下使用，会导致膜片使用寿命减少。因此需要视情况调整保养周期。TFM 膜片也可以用于截止蒸汽，但这会造成使用寿命的降低，应适当调整保养周期。

Long-term use of EPDM and TFM diaphragms at above temperatures will lead to reduced diaphragm life. Therefore, the maintenance cycle needs to be adjusted according to the situation. The TFM diaphragm can also be used to cut off steam, but this will cause a reduction in service life, and the maintenance cycle should be adjusted appropriately.



隔膜阀

不易残留

Diaphragm Valve
Not easily residual

SANITARY BUTTERFLY VALVE SERIES



卫生级蝶阀系列



SANITARY BUTTERFLY VALVE SERIES

卫生级蝶阀系列

概述

蝶阀是一种卫生型开/关阀门，可用于智控系统或手动操作。由于开口面积大，流体阻力小，对低粘度性的产品有比较柔和的处理。该阀用于食品、乳制品以及生物制药等工业的流体产品应用。

OVERVIEW

Butterfly valve is a sanitary on/off valve that can be used in intelligent control systems or manual operation. Due to the large opening area and small fluid resistance, it can handle products with medium and low viscosity relatively gently. This valve is used in fluid product applications in the food, dairy, and biopharmaceutical industries.

产品系列

- 1.从驱动方式上分3种分别是气动、手动拉杆、手动握把。
- 2.从接口连接方式分4种分别是焊接式、卡接式、螺纹式、法兰式。

PRODUCT SERIES

1. There are three types of driving methods: pneumatic, manual pull rod, and manual grip.
2. There are 4 types of interface connection methods: welding type, snap-in type, threaded type, and flange type.

工作原理

蝶阀是用圆形蝶板作启闭件并随阀杆转动来开启、关闭和调节流体通道的一种阀门。蝶板安装在蝶阀阀体内，圆形蝶板绕轴线旋转，角度为0-90°之间。当旋转至90°时，阀门则为全开状态。当阀芯与蝶阀的密封圈接触时，执行器的扭矩会增大。控制方式分为手动操作和气动控制。

WORKING PRINCIPLE

Butterfly valve is a valve that uses a circular butterfly plate as the opening and closing part and rotates with the valve stem to open, close and adjust the fluid channel. The butterfly plate is installed in the butterfly valve body, and the circular butterfly plate rotates around the axis with an angle of 0-90°. When rotated to 90°, the valve is fully open. When the valve core comes into contact with the sealing ring of the butterfly valve, the torque of the actuator will increase. The control methods are divided into manual operation and pneumatic control.

气动蝶阀有三种标准

状态：常开(NO)，常闭(NC)，气 / 气(D/A)。

THERE ARE THREE STANDARDS FOR PNEUMATIC BUTTERFLY VALVES

Status: Normally Open (NO), Normally Closed (NC), Air/Air (D/A).

技术参数

TECHNICAL PARAMETER

工作温度	Working Temperature	EPDM-40°C ~ 130°C
		FKM-20°C ~ 200°C
		SILICON-60°C ~ 200°C
		HNBR-30°C ~ 150°C
环境温度	Ambient Temperature	-10°C~+95°C
气动装置	Pneumatic Temperature	最小开启气压4bar，最大开启气压7bar The minimum opening pressure is 4bar, the maximum opening pressure is 7bar
阀体材质	Body Material	F316L、F304L符合ASTM A182 F316L and F304L comply with ASTM A182
其它钢制部件	Other steel components	304
阀芯衬套	Trim and Bushing	PVDF
表面处理	Surface Treatment	外表面 Ra < 2.4μm，内表面 Ra < 0.6μm The outer surface Ra < 2.4μm, the inner surface Ra < 0.6μm
接口口径	Interface aperture	DN10 ~ DN200
接口标准	Interface standard	3A, ISO, DIN, GB

蝶阀特点

- 寿命长、免维修的气动式驱动装置。
- 阀体和蝶板采用316L或304L不锈钢锻造。
- 特殊的密封圈设计，流体无残留，并获得欧洲EHEDG卫生设计认证。
- 产品稳定性及安全性获得欧洲CE及中国TS认证。
- 超过10万次以上的安全测试。
- 蝶阀的驱动方式可根据客户要求选择：手动手柄、气动或电动执行器。
- 根据客户要求装置反馈信号、0-100%智能限位调节。
- 密封阀座两侧增加凸台，本体相应位置开槽，侧面位置做防吸出刻线。
- 锻造柄蝶，加厚，强度更高。

BUTTERFLY VALVE CHARACTERISTICS

- Long-life, maintenance-free pneumatic drive.
- The valve body and butterfly plate are forged from 316L or 304L stainless steel.
- Special sealing ring design, no fluid residue, and obtained European EHEDG hygienic design certification.
- Product stability and safety have obtained European CE and Chinese TS certification.
- More than 100,000 safety tests.
- The driving method of the butterfly valve can be selected according to customer requirements: manual handle, pneumatic or electric actuator.
- Device feedback signal and 0-100% intelligent limit adjustment according to customer requirements.
- Bosses are added on both sides of the sealing valve seat, grooves are made at corresponding positions of the body, and anti-suction lines are made on the side positions.
- Forged handle butterfly, thickened, higher strength.

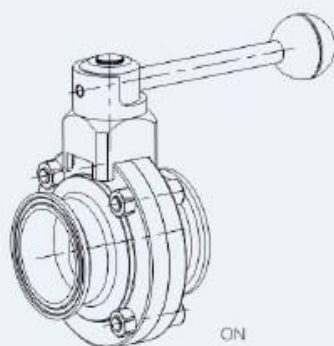
蝶阀最小扭矩范围 (kgf.m)

BUTTERFLY VALVE MINIMUM TORQUE RANGE (kgf.m)

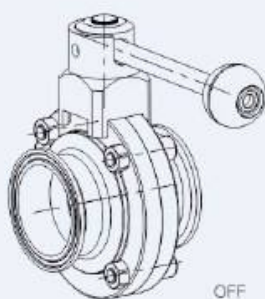
规格尺寸 Standard sizes	EPDM	FKM	Silicon	HNBR
	扭矩值 Torque Value			
DN20	0.3	0.3	0.4	0.3
DN25	0.3	0.3	0.4	0.3
DN32	0.4	0.4	0.5	4
DN40	0.36	0.44	0.44	0.17
DN50	0.41	0.44	0.44	0.29
DN65	0.72	1.02	1.05	0.46
DN80	1.13	1.35	2.21	0.85
DN100	1.76	1.76	1.35	0.96
DN125				
DN150				
DN200				

SANITARY BUTTERFLY VALVE HANDLE

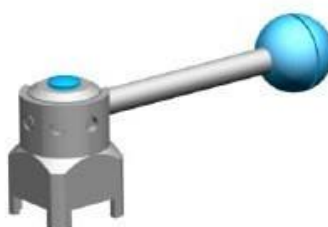
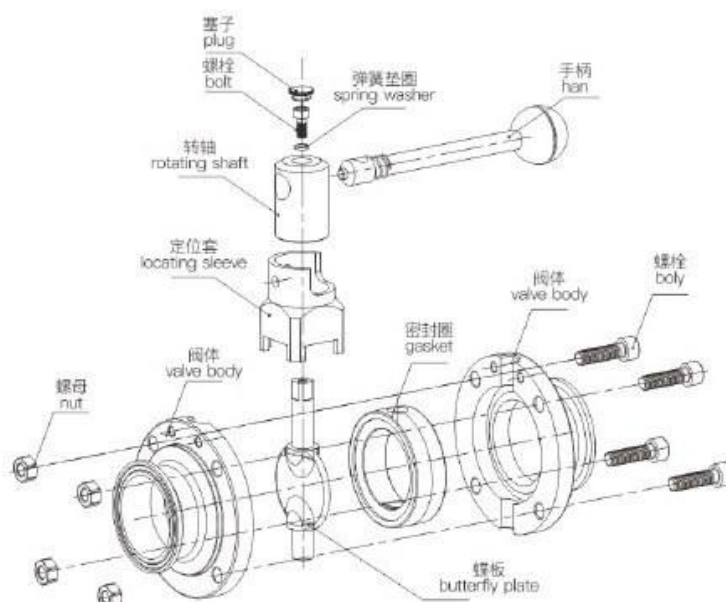
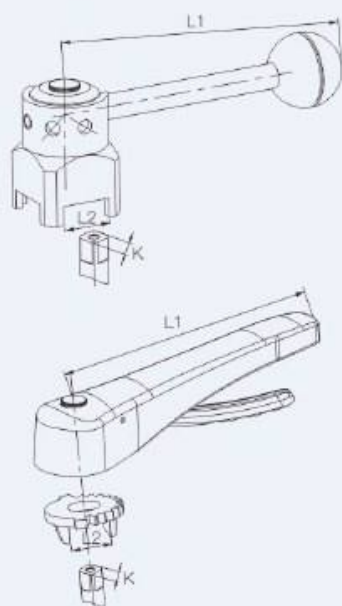
卫生级蝶阀手柄



ON



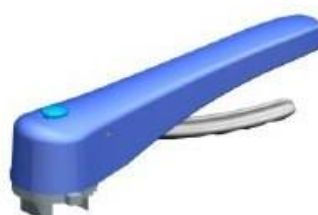
OFF



拉杆手柄

LEVER HANDLE

SIZE		L1	L2	KxK
DN10-DN40	0.5"-1.5"	126	20.2	8x8
DN50	2"	133	20.2	10x10
DN65	2.5"-3"	144	22.2	10x10
DN80-DN100	3.5"-4"	160	22.2	11x11
DN125-DN150	5"-6"	220	30.2	14x14
DN200	8"	284	30.2	14x14



多位手柄

MULTI-POSITION HANDLE

SIZE		L1	L2	KxK
DN10-DN40	0.5"-1.5"	164	20.2	8x8
DN50-DN65	2"-3"	164	20.2	10x10
DN80-DN100	3.5"-4"	164	22.2	11x11

QUICK INSTALLATION BUTTERFLY VALVE

快装蝶阀



快装蝶阀(3A、SMS、ISO、IDF)

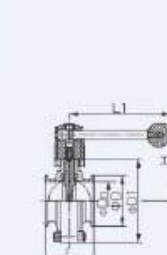
QUICK INSTALLATION BUTTERFLY VALVE (3A, SMS, ISO, IDF)

SIZE	Dn	D	D1	L	L1	H	H1	H2	M
3/4"	16.1	25.4	78	66	126	86	73	112	70
1"	22.4	50.5	78	66	126	86	73	112	70
1 1/4"	28.8	50.5	78	66	126	86	67.5	145	86
1 1/2"	35.1	50.5	86	70	126	90	72	145	86
2"	47.8	64	102	76	133	102	80	145	86
2 1/2"	59.5	77.5	115	80	144	109	86.5	145	86
3"	72.2	91	128	84	144	115	93	145	86
3.5"	85	106	139	86	144	123.5	99.5	145	86
4"	97.6	119	154	104	160	131	105.5	145	86
108	104	119	159	108	160	133.5	110	145	86
114	110.3	130	159	106	220	133.5	150	180	108
133	127	155	185	122	220	146.5	162.5	180	108
6"	146.8	167	215	146	220	161.5	145	250	133
159	153	183	215	146	220	161.5	145	250	133
8"	197.6	217.4	285	166.8	284	199	190	250	133
219	211	233.5	285	166.8	284	199	190	250	133

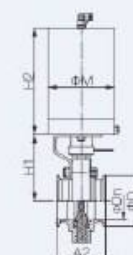
快装蝶阀(DIN)

QUICK INSTALLATION BUTTERFLY VALVE (DIN)

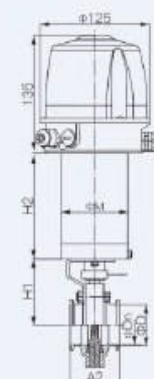
SIZE	Dn	D	D1	L	L1	H	H1	H2	M
DN20	19	34	78	66	126	86	73	112	70
DN25	25	50.5	78	66	126	86	73	112	70
DN32	31	50.5	78	66	126	86	67.5	145	86
DN40	37	50.5	86	70	126	90	72	145	86
DN50	49	64	102	76	133	102	80	145	86
DN65	66	91	120	80	144	111	91.5	145	86
DN80	81	106	134	84	160	121	98	145	86
DN100	100	119	154	104	160	131	105.5	145	86
DN125	125	144.5	185	122	220	146.5	162.5	180	108
DN150	150	167	215	146	220	161.5	145	250	133
DN200	200	217.4	285	166.8	284	199	190	250	133



拉式手柄蝶阀
Pull handle butterfly valve



不锈钢气动蝶阀
Stainless steel pneumatic butterfly valve



带智能头气动蝶阀
Pneumatic butterfly valve with intelligent head

STAINLESS STEEL QUIC, PIPE FITTINGS SERIES

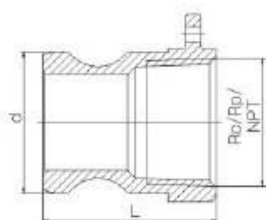


不锈钢快速接头、管道配件系列

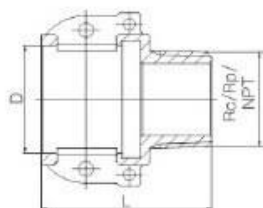


STAINLESS STEEL QUICK COUPLING

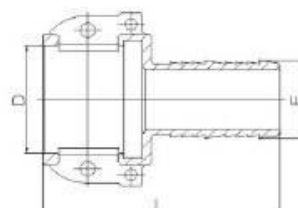
不锈钢快速接头



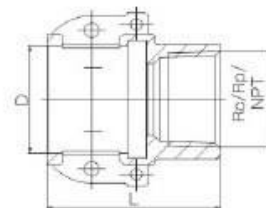
A型



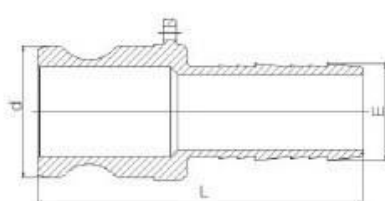
B型



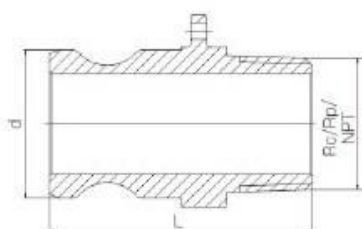
C型



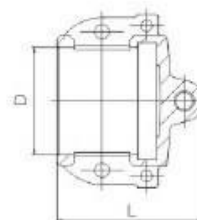
D型



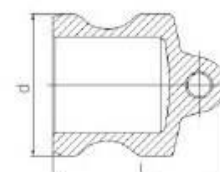
E型



F型



DC型



DP型

主要外形尺寸和连接尺寸

THE MAIN DIMENSIONS AND CONNECTION DIMENSIONS

规格 Specification		L								Rc/Rp/NPT
		A型	B型	C型	D型	E型	F型	DC型	DP型	
15	1/2"	38	49	92	49	93	55	42.5	36.3	1/2"
20	3/4"	38	49.5	92	49	94	55	44	38.5	3/4"
25	1"	45	59	102	60	106	65	51	45	1"
32	1 1/4"	54	65.5	114	66	118	74	58	54.5	1 1/4"
40	1 1/2"	55	68	116	69	120	78	61.5	58	1 1/2"
50	2"	60	75	133	78	138	82	70	61.5	2"
65	2 1/2"	83	84	147	85	155	95	72	66.5	2 1/2"
80	3"	70	86	157	86	165	100	70	65	3"
100	4"	75	94	168	95	175	106	71.5	67	4"
150	6"	72	94	198	94	214	108	80	74.5	6"

SANITARY PIPE FITTING SERIES



卫生级管件系列



SANITARY STAINLESS STEEL JOINT

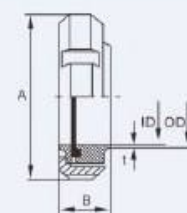
卫生级不锈钢接头

工业标准有: ISO、DIN、IDF、3A、SMS等

活接头

(SMS) UNION (SMS)

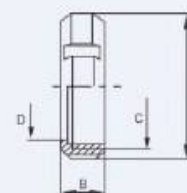
公称直径	A	B	OD/ID×t	Kg
25	50	30	25.4/22.4×1.5	0.22
32	60	30	31.8/28.8×1.5	0.42
38	72	33	38.1/35.1×1.5	0.49
51	82	33	50.8/47.8×1.5	0.55
63	97	37	63.5/59.5×2	0.807
76	111	39	76.2/72.2×2	1.063
89	125	41	88.9/84.9×2	1.40
102	146	44	101.6/97.6×2	1.91



螺母

(SMS) ROUND NUT (SMS)

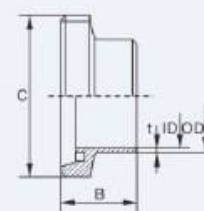
公称直径	A	B	C	D	Kg
25	50	20	40×1/6	32	0.135
32	60	20	48×1/6	40	0.210
38	72	22	60×1/6	48	0.235
51	82	22	70×1/6	60.5	0.270
63	97	25	85×1/6	74	0.365
76	111	26	98×1/6	87	0.45
89	125	28	110×1/6	100	0.660
102	146	30	132×1/6	117	0.985



长形螺纹接头

(DIN) EXPANDING MALE (DIN)

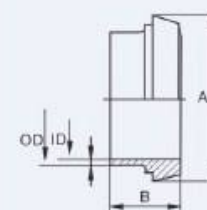
公称直径	OD/ID×t	B	C	Kg
10	18/10×4	21	28×1/8	0.13
15	24/16×4	21	34×1/8	0.15
20	30/20×5	24	44×1/6	0.25
25	35/26×4.5	29	52×1/6	0.36
32	41/32×4.5	32	58×1/6	0.44
40	48/38×5	33	65×1/8	0.50
50	61/50×6.5	35	78×1/6	0.68
65	79/66×6.5	40	95×1/6	1.03
80	93/81×6	45	110×1/4	1.46
100	114/100×7	54	130×1/4	2.04



长形平接头

(DIN) LONG SMOOTH FITTING (DIN)

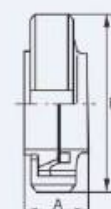
公称直径	OD/ID×t	A	B	Kg
10	18/10×4	17	22	0.13
15	24/16×4	17	28	0.15
20	30/20×5	18	36	0.25
25	35/26×4.5	22	44	0.36
32	41/32×4.5	25	50	0.44
40	48/38×5	26	56	0.50
50	61/50×6.5	28	68	0.68
65	79/66×6.5	32	86	1.03
80	93/81×6	37	100	1.46
100	114/100×7	44	121	2.04



活接头

(DIN) MOVABLE UNION (DIN)

公称直径	B	A	Kg
10	38	26	0.13
15	44	26	0.15
20	54	28	0.25
25	63	30	0.36
32	70	30	0.44
40	78	31	0.50
50	92	33	0.68
65	110	35	1.03
80	125	39	1.46
100	146	45	2.04



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