

产品简介 Product Introduction

H77X Wafer Butterfly Check Valve



对夹式蝶型止回阀是本厂采用国外先进结构设计，符合有关国家标准，属节能型产品。此产品止回性能好，安全可靠。流阻系数小。主要透用于石油、化工、食品、医药、轻纺、造纸、给排水、冶炼及能源等系统。作为单向阀使用。

Wafer butterfly check valve is designed by our factory with foreign advanced structure, It conforms to relevant national standards and is an energy-saving product. This product has good check performance, safe and reliable. The flow resistance coefficient is small. Mainly used in petroleum, chemical, food, medicine, textile, paper, water supply and drainage, smelting and energy systems. Used as a one-way valve.

1、体积小，重量轻。结构紧凑。维修方便。

It has small volume, light weight, compact structure and convenient maintenance.

2、阀板采用对偶式。在弹簧的弹性力矩下可自行速闭。

The valve board takes antithetic formula, which can achieve quick closing automatically under the flexibility torque of spring.

3、因速闭作用。可防止介质倒流。消防水锤作用强。

The medium can be prevented to back flow because of quick closing. and the firefighting water hammer has strong function.

4、阀体结构长度尺寸小。刚性好。安全可靠。

The length of valve body structure is small, and it has good rigid, which is also safe and reliable.

5、达到完全密封。水压试验泄漏为零。

It achieves complete sealing, and the leakage of hydrostatic test is zero.

6、安装方便，可用于水平垂直两个方向安装。

It is convenient to install, which can be installed in horizontal direction and vertical direction.

设计标准 Design standard

Design Code: BS5155, EN593, API609

Size Range: DN40-DN600, NPS1.5"-24"

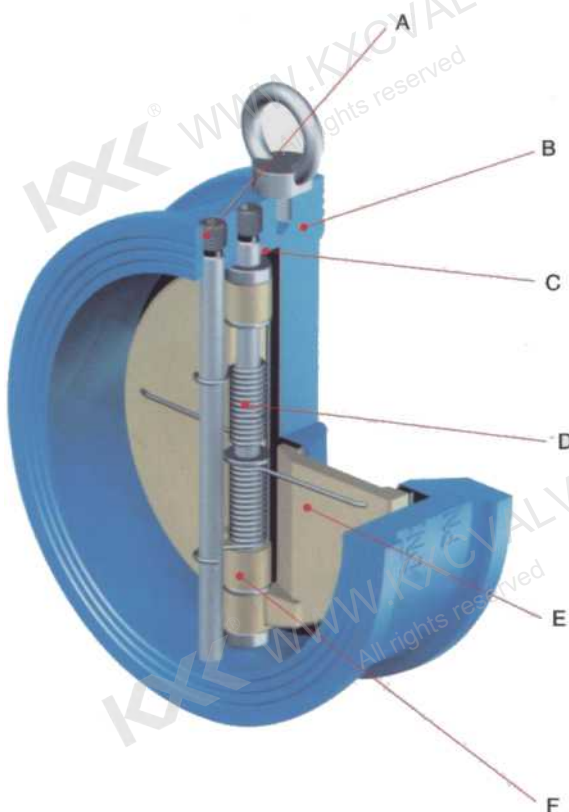
Face to Face: EN558, DIN3202 K1, API6

End Flange: BS 4504 PN6/PN10/PN16, DIN2501 PN6/PN10/PN16, ISO 7005 PN6/PN10/PN16, JIS 5K/10K/16K, ASME B16.1 125LB, ASME B16.1 150LB, AS 2129 Table D and E, BS10 Table D and E

Test inspection: EN 12266-1, API 598, Table5

主要零部件材质 Main parts material

序号 NO.	零件 Part	材质 Material	备注 Remarks
1	阀体 Body	灰铸铁 Cast Iron	
		球墨铸铁 Ductile Iron	
		碳钢 Carbon steel	
		不锈钢 Stainless steel 304S	
		不锈钢 Stainless steel 316S	
		铝青铜 Aluminum bronze	
2	阀板 Disc	球铁尼龙 Coated nylon	
		球铁镀镍 Coated nickle	
		不锈钢 Stainless steel 304S	
		不锈钢 Stainless steel 316S	
		双相合金钢 Duplex stainless steel	
		铝青铜 Aluminum bronze	
3	阀座 Seat	丁晴橡胶 NBR	0° ~ 80°C
		三元乙丙橡胶 EPDM	-20 ~ 120°C
		耐热乙丙橡胶 Heat proof EPDM	-20° ~ 140C
		氯丁橡胶 Neoprene	-0° ~ 80°C
		硅橡胶 Silicone rubber	-20° ~ 180°C
		氟橡胶 Fluororubber	-18° ~ 204°C
		聚四氟乙烯 PTFE	-250° ~ 250°C



A 轴端紧固螺钉:

有效防止轴窜动, 避免阀门工作失效及轴端泄漏。

A Binding screw of axle end:

It can effectively prevent axial motion, in order to avoid the failure of valve work and leakage of axle end.

B 阀体:

结构长度尺寸小, 钢性好。

B valve body:

It has small size of structure length and good rigid.

C 橡胶阀座:

硫化在阀体, 牢固可靠, 达到完全密封。

C Rubber valve seat:

The valve body has vulcanization, and it is firm and secure, which achieves complete sealing.

D 弹簧:

使用双弹簧。将负载力均匀地分散到每块阀板。使得介质回流时能迅速关闭阀门。

D Spring:

The dual-spring is used to distribute load force to each valve board evenly, so as to quickly close the valve when the medium flows back.

E 阀板:

使用双弹簧。将负载力均匀地分散到每块阀板。使得介质回流时能迅速关闭阀门。

E Disc:

It takes the design of combining dual plate with two torsion springs, which can make the valve board closed automatically, as well as eliminate water hammer.

F 垫圈:

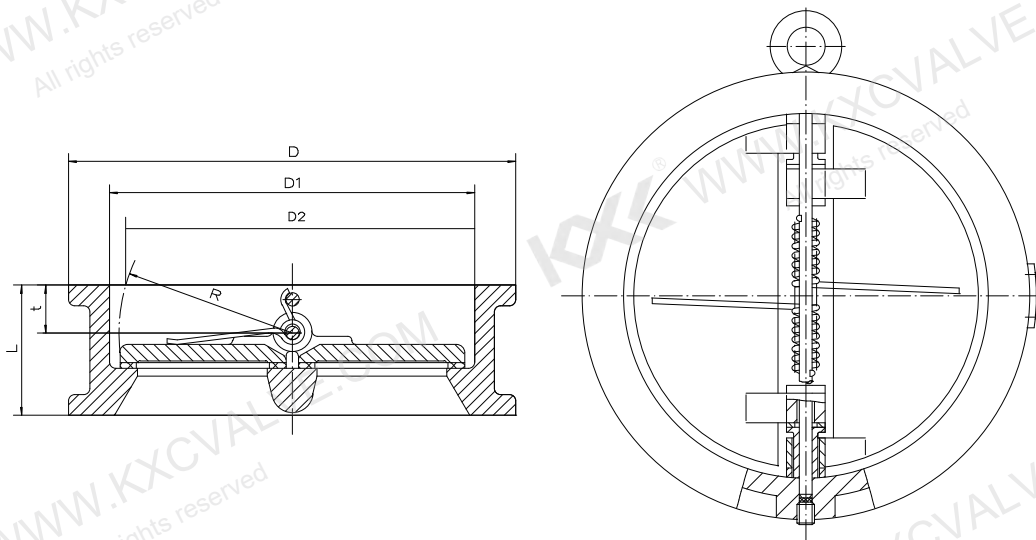
可调节装配间隙, 确保阀板密封性能。

F Washer:

It can adjust the gap assembly clearance, to make sure the sealing performance of valve board.



主要外形尺寸 Main contour size



DN	IN	D			D1		L		R	t
		PN16	PN10	150LB	PN10/16	150LB	PN10/16	150LB		
40	1.5	92		102	65	65	43	60	28.8	19
50	2	107		102	65	65	43	60	28.8	19
65	2.5	127		121	80	80	46	67	36.1	20
80	3	142		133	94	94	64	73	43.4	28
100	4	162		171	117	117	64	73	52.8	27
125	5	192		192	145	145	70	83	65.7	30
150	6	218		219	170	170	76	98	78.6	31
200	8	273		276	224	224	89	127	104.4	33
250	10	328		337	267	267	114	146	127	50
300	12	378		406	310	310	114	181	148	43
350	14	442	438	448	360	360	127	184	173	45
400	16	495	489	511	410	410	140	191	198	52
450	18	555	539	546	450	450	152	203	217.8	58
500	20	617	594	603	505	505	152	219	241	58
600	24	734	695	714	624	624	178	222	296	73

主要性能参数 Performance specification

公称压力 Nominal pressure	公称通径 Nominal diameter	试验压力(Mpa) Test pressure		适用介质 Applicable medium	驱动方式 Drive way
PN(MPa)	DN(mm)	壳体shell	密封Seal		
1.0	40-600	1.5	1.1	淡水、污水、海水、空气、蒸汽、食品、药品、各种油类、酸类、碱灯等。 Fresh water,sewage, seawater,air,steam, foodstuff,medlicine, various oils,acks and alkais,etc.	手柄、蜗轮蜗杆传动、电动、气动 Handle,worm and gear transmission, power-driven and being pneumatic
1.6		2.4	1.76		



产品简介 Product Introduction

H44H Swing Type Check Valve



旋启式止回阀又称单向阀或逆止阀，其作用是防止插入中的介质倒流。启闭件靠介质流动和力量自行开启或关闭，以防止介质倒流的阀门叫止回阀。止回阀属于自动阀类，主要用于介质单向流动的管道上，只允许介质向一个方向流动，以防止发生事故。

Swing check valve is also known as one-way valve or check valve, its function is to prevent the inserted medium from flowing back. The valve that opens or closes on its own by the flow and force of the medium to prevent the medium from flowing back is called a check valve. Check valves belong to the category of automatic valves, which are mainly used in pipelines where the medium flows in one direction, and only allow the medium to flow in one direction to prevent accidents.

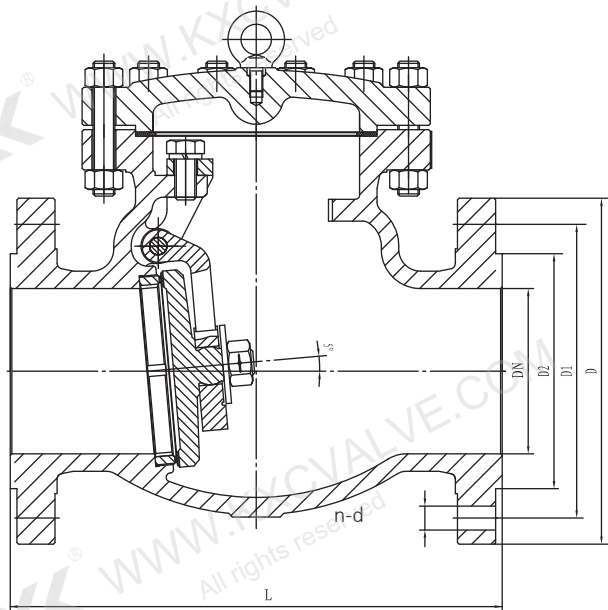
特征 Feature:

1. 流线型流动，低阻力。
The valve flow is streamlined, low resistance .
2. 开闭部分由介质本身控制，以防止回流。
The open-close part is control by medium itself to prevent backflow.
3. 密封先进合理，阀板、阀座、密封面采用铁合金等硬质合金焊接，耐磨，耐高温，耐腐蚀，抗划伤能力强，使用寿命长。
Seal the pair of pairs of advanced and reasonable, disc, valve seat sealing surface with iron-based alloy or Si Tai Li cobalt-based carbide welding, wear, high temperature, corrosion resistance, anti-scratch ability, long service life.
4. 产品可用于各种管道的法兰和法兰标准及法兰密封链接，以满足各种工程需要和用户要求。
Products can be used in a variety of piping flange and flange standard and flange seal type, to meet a variety of engineering needs and user requirements.
5. 阀体种类繁多，垫片可根据实际条件或用户要求合理匹配，可适用于各种压力，温度和介质条件。
Valve body variety, gasket can be based on actual conditions or user requirements reasonable matching, can be applied to a variety of pressure, temperature and medium conditions.

设计标准 Design standard

Design Code:	BS5153, DIN3356
Size Range:	DN40-300, NPS 1"-12"
Face to Face:	BS5153, EN558, DIN3202
End Flange:	BS 4504 PN6/PN10/PN16, EN1092, DIN2501 PN6/PN10/PN16, ISO 7005 PN6/PN10/PN16, JIS 5K/10K/16K, ASME B16.1 125LB, ASME B16.1 150LB, AS 2129 Table D and E, BS10 Table D and E
Test inspection:	EN 12266-1, API 598, Table5

主要零件材料 Main parts materials



NO.	零件 Part	材质 Material
1	阀体 Body	GGG50 (球墨铸铁)
2	阀盖 Bonnet	GGG50 (球墨铸铁)
3	密封圈 Sealing ring	Brass/NBR (黄铜/橡胶)
4	阀瓣 Disc	GGG50 (球墨铸铁)
5	阀座 Seat	Brass/NBR (黄铜/橡胶)

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

规格		L				D				D1				D2				n-d			
mm	inch	DIN	BS	ANSI	JIS	DIN BS 10/16	ANSI	JIS 5K/10K		DIN BS 10/16	ANSI	JIS 5K/10K		DIN BS 10/16	ANSI	JIS 5K/10		DIN BS 10/16	ANSI	JIS 5K/10K	
40	1.5	180		165		150	150	127		110	110	99		88	88	78		4-19	4-19	4-16	
50	2	200	203	203	203	165	165	152	130	125	125	121	105	102	102	99	96	4-19	4-19	4-19	4-15
65	2.5	240	216	216	216	185	185	178	155	145	145	140	130	122	122	118	116	4-19	4-19	4-19	4-15
80	3	260	241	241	241	200	200	191	180	160	160	152	145	138	138	129	126	8-19	8-19	4-19	4-18
100	4	300	292	292	292	220	220	229	200	180	180	191	165	158	158	168	154	8-19	8-19	8-19	8-18
125	5	350	330	330	330	250	250	254	235	210	210	216	200	188	188	193	182	8-19	8-19	8-23	8-18
150	6	400	356	356	356	285	285	279	265	240	240	241	230	212	212	213	212	8-23	8-23	8-23	8-18
200	8	500	495	495	495	340	340	343	320	295	295	299	280	268	268	271	262	8-23	12-23	8-29	8-22
250	10	600	622	622	622	395	405	406	385	350	355	362	345	320	320	332	324	12-23	12-28	12-26	12-22
300	12	700	698	698	698	445	460	483	430	400	410	432	390	370	378	402	368	12-23	12-28	12-26	12-22

主要性能参数 Performance specification

公称压力 Nominal pressure	公称通径 Nominal diameter	试验压力 Test pressure		工作温度 Temperature	适用介质 Medium
PN(Mpa)	DN(mm)	壳体 Shell	密封 Seal		
1.0	40-300	1.5	1.1	≤80℃	清水、源水、污水、 空气、油品 Water、Source Water、 Sewage、Air、Oil
1.6		2.4	1.76		

Ball Type Check Valve HQ41X-10/16



滑道滚球式止回阀，采用橡胶包皮球为阀瓣，在介质的作用下，可在阀体内的滑道上下滚动，从而打开或关闭阀门，密封性能好，消声式关闭，不产生水锤。阀体采用全水流通道，流量大，阻力小，水头损失比旋启式小50%，水平或垂直安装均可，可用于冷水、热水、工业及生活污水管网，更适合潜水排污泵。

Sliding path Ball type check valve uses the rubber covered roller as the disc, when, under the action of the medium, can roll up and down a long with the integral sliding path inside the valve so as to open or close it. It features by good tightness, silent close and no production of water hammer. The body is full water-flow path design, big flow, small resistance and the water head loss is smaller that of the swing type by 50%. It is mountable vertically or horizontally and can used for cold-water, hot-water, industrial and living sludge pipe networks, especially suitable for the submersible sludge pump. The medium temperature: 0-80 °C

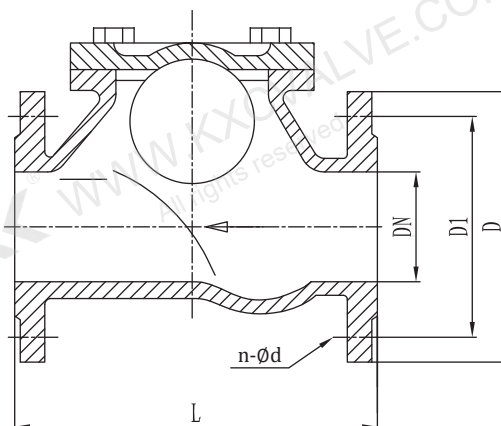
主要性能参数 Performance specification

公称压力 Nominal pressure	公称通径 Nominal diameter	试验压力 Test pressure		工作温度 Temperature	适用介质 Medium
PN(Mpa)	DN(mm)	壳体 Shell	密封 Seal		
1.0	40-300	1.5	1.1	≤80℃	清水、源水、污水、 空气、油品 Water、Source Water、 Sewage、Air、Oil
1.6		2.4	1.76		

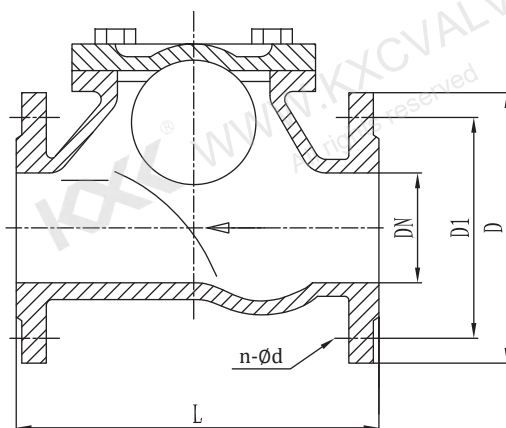
主要零件材料 Main parts materials

NO.	零件 Part	材质 Material
1	阀体 Body	GGG50（球墨铸铁）
2	阀盖 Bonnet	GGG50（球墨铸铁）
3	球 Ball	SS304

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



DN(mm)	L	D		D1		n- Ød	
		PN10	PN16	PN10	PN16	PN10	PN16
50	219	160	160	135	135	4-19	4-19
65	222	180	180	145	145	4-19	4-19
80	257	195	195	160	160	8-19	8-19
100	280	215	215	180	180	8-19	8-19
125	320	245	245	210	210	8-19	8-19
150	355	280	280	240	240	8-23	8-23
200	439	335	335	295	295	8-23	12-23
250	498	390	405	350	355	12-23	12-28
300	555	440	460	400	410	12-23	12-28



DN(mm)	L	D		D1		n- Ød	
		PN10	PN16	PN10	PN16	PN10	PN16
50	167	160	160	135	135	4-19	4-19
65	185	180	180	145	145	4-19	4-19
80	217	195	195	160	160	8-19	8-19
100	250	215	215	180	180	8-19	8-19



产品简介 Product Introduction

H44X-10/16 Rubber Check Valve



H44X系列橡胶瓣止回阀的零部件设计主要由阀体、阀盖及橡胶瓣三种主要零件组成。阀门中的橡胶瓣由钢板、钢棒及强化尼龙布做衬底，外层披覆橡胶制成，阀瓣开关寿命可达100万次。橡胶瓣止回阀采用全流面积设计，具有水头损失小，不易堆积杂物，维修简便等特性。主要适用于卧式安装的给排水系统，可安装于水泵出水口处，以防止倒流及水锤对泵损害。还可安装在蓄水池进出水管的旁通管上，以防止池水倒流至给水系统中。止回阀一般适用于清浄介质，不宜用于含有固体颗粒和粘度较大的介质。

The parts design of H44X series rubber flap check valve is mainly composed of three main parts: valve body, valve cover and rubber flap.

The rubber flap in the valve is made of steel plate, steel rod and reinforced nylon cloth as the backing, and the outer layer is covered with rubber. The valve flap opening and closing life can reach 1 million times.

The rubber flap check valve adopts the design of full flow area, which has the characteristics of small head loss, not easy to accumulate debris, and easy maintenance.

It is mainly suitable for horizontal installation of water supply and drainage system. It can be installed at the outlet of the water pump to prevent backflow and water hammer from damaging the pump.

It can also be installed on the bypass pipe of the water inlet and outlet pipes of the reservoir to prevent the pool water from flowing back into the water supply system.

Check valves are generally suitable for clean media, not for media containing solid particles and high viscosity.

主要性能参数 Performance specification

公称压力 Nominal pressure	公称通径 Nominal diameter	试验压力 Test pressure		工作温度 Temperature	适用介质 Medium
PN(Mpa)	DN(mm)	壳体 Shell	密封 Seal		
1.0	40-300	1.5	1.1	≤80℃	清水、源水、污水、 空气、油品 Water、Source Water、 Sewage、Air、Oil
1.6		2.4	1.76		

主要零件材料 Main parts materials

NO.	零件 Part	材质 Material
1	阀体 Body	GGG50（球墨铸铁）
2	阀盖 Bonnet	GGG50（球墨铸铁）
3	阀瓣 Disc	SS304/Brass+EPDM/NBR

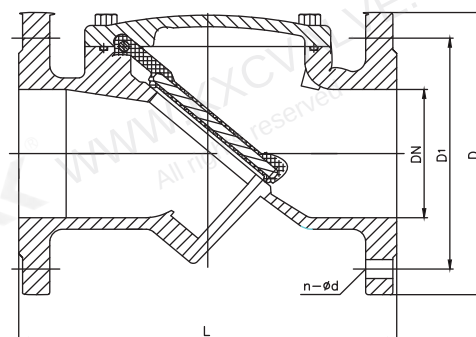
K304 橡胶瓣止回阀

K304 Rubber Check Valve

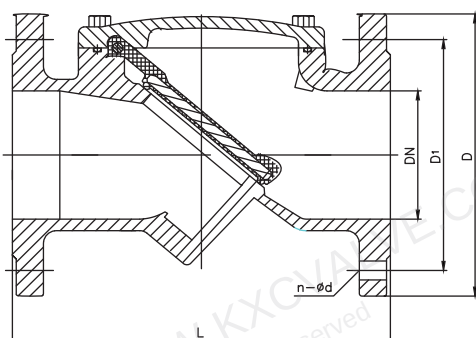
TIAN JIN KXC METAL PRODUCTS CO., LTD
WWW.KXCVALVE.COM



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



DN(mm)	L	D		D1		n- Ød	
		PN10	PN16	PN10	PN16	PN10	PN16
50	167	160	160	135	135	4-19	4-19
65	209	180	180	145	145	4-19	4-19
80	221	195	195	160	160	8-19	8-19
100	248	215	215	180	180	8-19	8-19
150	325	280	280	240	240	8-23	8-23
200	398	335	335	295	295	8-23	12-23



DN(mm)	L	D		D1		n- Ød	
		PN10	PN16	PN10	PN16	PN10	PN16
50	204	165	160	135	135	4-19	4-19
65	225	185	180	145	145	4-19	4-19
80	244	200	195	160	160	8-19	8-19
100	292	220	215	180	180	8-19	8-19
125	300	250	245	210	210	8-19	8-19
150	358	285	280	240	240	8-23	8-23
200	437	340	335	295	295	8-23	12-23
250	502	395	405	350	355	12-23	12-28
300	560	445	460	400	410	12-23	12-28
350	612	505	520	460	470	16-23	16-28
400	654	565	580	515	525	16-28	16-31
450	700	615	640	565	585	20-28	20-31
500	756	670	715	620	650	20-28	20-34
600	900	780	840	725	770	20-31	20-37

产品简介 Product Introduction



HC41X Silent Check Valve

本产品主要适用于高层建筑供水，排水系统，消防管道给水系统等。此消声止回阀可有效防止介质倒流而产生破坏性水锤，保护水泵和管道其他设备。

特点如下：

This product is mainly suitable for high-rise building water supply, drainage system, fire pipe water supply system, etc. This muffler check valve can effectively prevent the media from flowing back and produce destructive water hammer, and protect water pumps and other pipeline equipment.

Features are as follows:

- (1) 可立式，卧式安装，阀瓣启闭灵活，且运行平稳，关闭噪音低，安全，极少有故障；
It can be installed vertically and horizontally, the valve flap can be opened and closed flexibly, and the operation is stable, the closing noise is low, it is safe, and there are few failures;
- (2) 阀瓣采用弹簧加载，其快速关闭能有效地插入水锤压力，密封性能好；
The valve clack is spring loaded, its quick closing can effectively insert the water hammer pressure, and the sealing performance is good;
- (3) 它具有体积小，重量轻，流体阻力小，耐疲劳，长度长。
It has small size, light weight, low fluid resistance, fatigue resistance and long length.

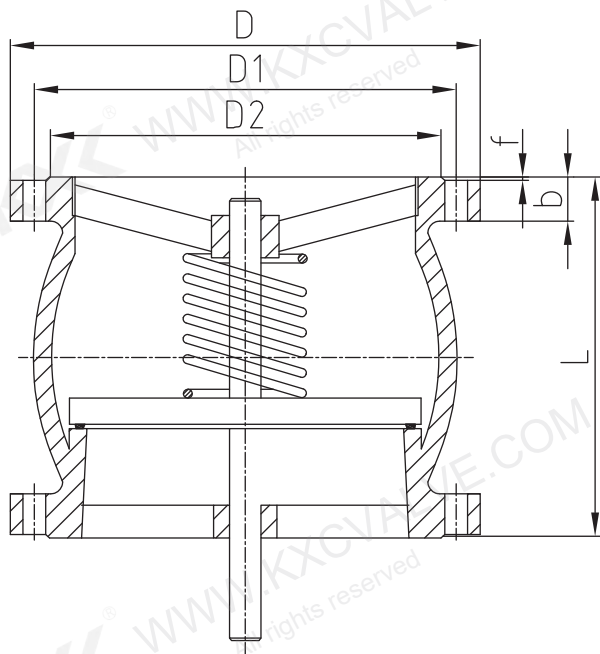
设计标准 Design standard

Size Range: DN40-DN600, NPS1.5"-24"
End Flange: BS 4504 PN6/PN10/PN16, DIN2501 PN6/PN10/PN16, ISO 7005 PN6/PN10/PN16, JIS 5K/10K/16K, ASME B16.1 125LB, ASME B16.1 150LB, AS 2129 Table D and E, BS10 Table D and E
Test inspection: EN 12266-1, API 598, Table5

主要技术参数 Main technical parameters

公称压力 Nominal pressure	公称通径 Nominal diameter	试验压力 Test pressure		工作温度 Temperature	适用介质 Medium
PN(Mpa)	DN(mm)	壳体 Shell	密封 Seal		
1.0	40-600	1.5	1.1	≤80℃	清水、源水、污水、 空气、油品 Water、Source Water、 Sewage、Air、Oil
1.6		2.4	1.76		

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



名称 Name	材料 Material
阀体 Body	灰铸铁 Cast Iron, 球墨铸铁 Ductile Iron, 碳钢 Carbon steel, 不锈钢 Stainless steel
阀板 Disc	球墨铸铁 Ductile Iron, 碳钢 Carbon steel, 不锈钢 Stainless steel, 青铜 Bronze
阀杆 Stem	不锈钢 Stainless steel, 青铜 Bronze
导向支架 Yoke	球墨铸铁 Ductile Iron, 碳钢 Carbon steel, 不锈钢 Stainless steel, 铜 Brass
缓冲环 Buffer ring	球墨铸铁 Ductile Iron, 碳钢 Carbon steel, 不锈钢 Stainless steel, 铜 Brass

DN(mm)	L	D		D1		n- Ød	
		PN10	PN16	PN10	PN16	PN10	PN16
40	124	145	145	110	110	4-19	4-19
50	125	165	165	125	125	4-19	4-19
65	134	185	185	145	145	4-19	4-19
80	153	200	200	160	160	8-19	8-19
100	161	220	220	180	180	8-19	8-19
125	188	250	250	210	210	8-19	8-19
150	220	285	285	240	240	8-23	8-23
200	252	340	340	295	295	8-23	12-23
250	270	395	405	350	355	12-23	12-28
300	286	445	460	400	410	12-23	12-28
350	380	505	520	460	470	16-23	16-28
400	405	565	580	515	525	16-28	16-31
450	430	615	640	565	585	20-28	20-31
500	450	670	715	620	650	20-28	20-34
600	510	780	840	725	770	20-31	20-37

可根据客户要求生产不同材质的止回阀。

Different materials of check valves can be produced according to customer requirements.



产品简介 Product Introduction



该止回阀是安装在工业循环供排水、城市供排水、高层建筑、排污及宾馆酒店的加压输水泵的出口管道上，用来防止介质倒流和消除破坏性水锤的一种新型蝶式止回阀。在设计上充分考虑到使用环境的要求，达到无震动、无噪音、运行平稳、使用寿命长，确保宾馆、住宅环境安静，并具有节能效果。

The check valve is installed on the outlet pipe of the pressurized water pump of industrial circulating water supply and drainage, urban water supply and drainage, high-rise buildings, sewage and hotels, to prevent the back flow of the medium and eliminate the destructive water hammer. Check valve. In the design, the requirements of the use environment are fully considered, to achieve no vibration, no noise, stable operation, long service life, to ensure a quiet hotel and residential environment, and have energy-saving effects.

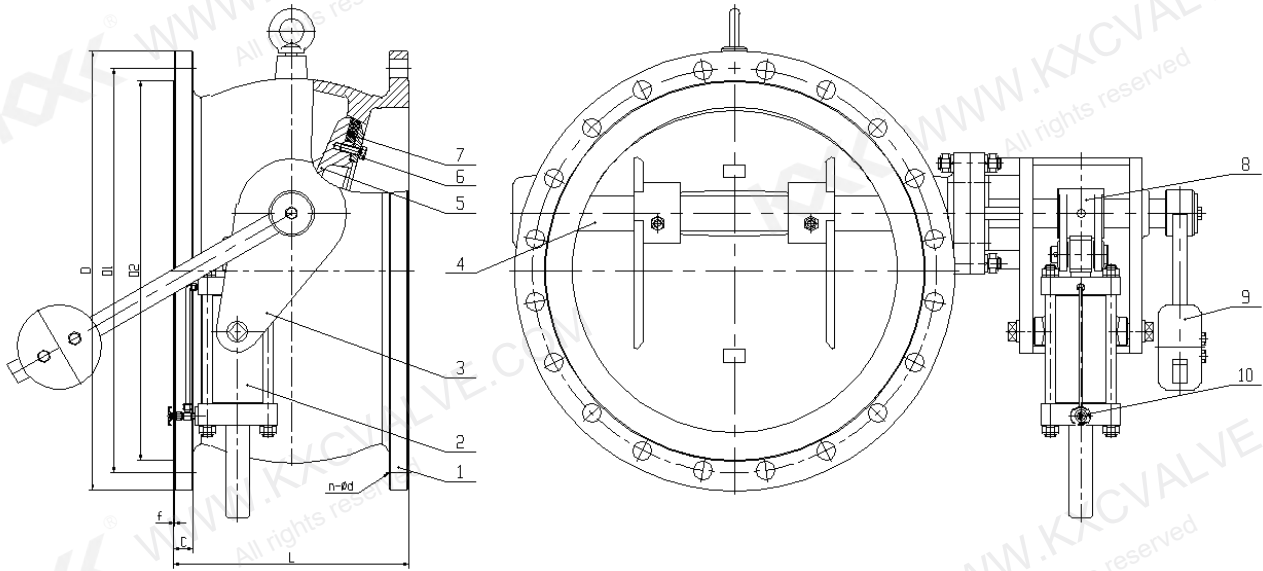
性能和技术特征 Performance and technical characteristics

- 1、体积小，重量轻，结构紧凑，维修方便。
Small size, light weight, compact structure and convenient maintenance.
- 2、缓闭装置设计新颖，结构紧凑合理，性能稳定可靠，且位于管线之外，避免了污染介质。
The hydraulic buffer device has novel design, compact and reasonable structure, stable and reliable performance, and is located outside the pipeline to avoid polluting media.
- 3、运行平稳，无震动，无噪音。
Smooth operation, no vibration, no noise.
- 4、采用偏心结构，其结构参数确定在最佳值，有利于流阻和振动，减少水锤影响。
The eccentric structure is adopted, and the structural parameters are determined at the optimal value, which is conducive to flow resistance and vibration, and reduces the influence of water hammer.
- 5、达到完全密封，无泄漏。
Achieve complete sealing and no leakage.
- 6、启闭特性好，阀门开启压力 $\leq 0.04\text{MPa}$ ，开启迅速，关闭阀门采用可调式，快慢两阶段
Good opening and closing characteristics, valve opening pressure $\leq 0.04\text{MPa}$, rapid opening, closing valve adopts adjustable type, two stages of fast and slow
- 7、关闭方式，缓闭时间调节范围大，可适用不同工况要求。
The closing mode, the slow closing time adjustment range is large, and it can be applied to the requirements of different working conditions.

主要性能参数 Main performance parameters

公称压力 Nominal pressure	工作压力 working pressure	强度试验压力 Strenght pressure	密封试验压力 Seal pressure	工作介质	工作温度
	Mpa	Mpa	Mpa	Medium	Temperature
PN6	≤ 0.6	0.9	0.66	清水、源水等介质 Clean water, source water and other media	0~80℃
PN10	≤ 1.0	1.5	1.1		
PN16	≤ 1.6	2.4	1.76		
PN25	≤ 2.5	3.75	2.75		
PN40	≤ 4.0	6	4.4		

结构原理图 Schematic diagram of structure



No.	Name	Material
1	Body	WCB、QT450
2	Hydraulic	Parts
3	Yoke	WCB
4	Stem	2Cr13
5	Disc	WCB、QT450
6	Bolt	A2-70
7	Seal ring	NBR / 304+XB350
8	Rocker	Q235A
9	Heavy hammer	Q235A
10	Needle valve	304

主要连接尺寸 Main connection size

DN	L	D			D1			n-φd		
		PN10	PN16	PN25	PN10	PN16	PN25	PN10	PN16	PN25
200	230	340	340	360	295	295	310	8-22	12-22	12-26
250	250	395	405	425	350	355	370	12-23	12-28	12-30
300	270	445	460	485	400	410	430	12-23	12-28	12-30
350	290	505	520	555	460	470	490	16-23	16-28	16-30
400	310	565	580	620	515	525	550	16-28	16-31	16-33
450	330	615	640	670	565	585	600	20-28	20-31	16-36
500	350	670	715	730	620	650	660	20-28	20-34	20-36
600	390	780	840	845	725	770	770	20-31	20-37	20-36
700	430	895	910	960	840	840	875	24-31	24-37	20-39
800	470	1015	1025	1085	950	950	990	24-34	24-40	24-42
900	510	1115	1125	900	1050	1050	1090	28-34	28-40	24-48
1000	550	1230	1255	1320	1160	1170	1210	28-37	28-43	28-48
1200	630	1455	1485	1530	1380	1390	1420	32-40	32-49	28-56
1400	710	1675	1685	1755	1590	1590	1640	36-43	36-49	32-56
1600	790	1915	1930	1975	1820	1820	1860	40-48	40-55	36-62
1800	870	2115	-	-	2020	-	-	44-48	-	-

Note: If you have special specifications and special requirements, please contact the manufacturer.

安装使用、注意事项 Installation and use attention

- 1、按箭头所指方向装入管路中。
Load into the pipeline in the direction indicated by the arrow.
- 2、检查各附件是否完整、顺畅。
Check whether the accessories are complete and smooth.
- 3、检查阀杆、阀板与缓闭油缸之间运动是否灵活，
Check whether the movement between the valve stem, the valve plate and the slow closing cylinder is flexible.
- 4、安装重锤、让阀瓣与重锤保持平衡，使阀瓣处于有一定自由开度的位置。
Install the heavy hammer to keep the valve disc and the heavy hammer in balance, so that the valve disc is in a position with a certain degree of free opening.
- 5、如发现各连接处有喷流或渗漏，及时更换相应部位的“O”型圈
If it is found that there is jet flow or leakage at each connection, replace the "O" ring in the corresponding part in time.
- 6、开泵送水后，必须达到正常的输水量后，方可停泵观察和调试。
After the pump is turned on to deliver water, the normal delivery volume must be reached before the pump can be stopped for observation and debugging.
- 7、每运行半年或停用一个月以上再运行时，应全面检查一次。
It should be fully inspected every half a year or after stopping operation for more than one month.

安装使用、注意事项 Installation and use attention

