



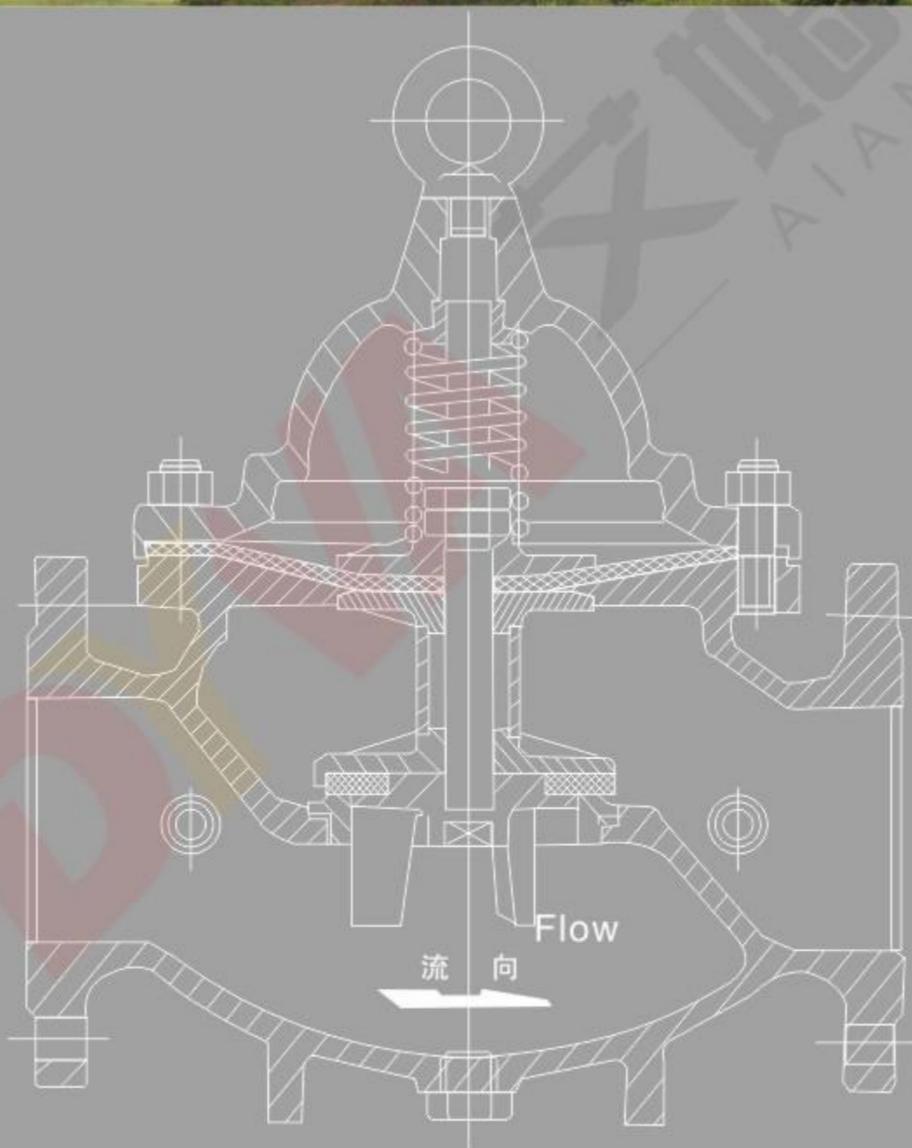
DYVA
艾姆森控制阀门
AIAMMS CONTROL VALVE

国阀品质
NATIONAL VALVE QUALITY

HYDRAULIC CONTROL VALVE SERIES 水利控制阀系列

为各领域提供全套阀门解决方案！

聚焦客户关注的挑战和压力,提供有竞争力的工程产品和高质量的工程服务,持续为客户创造最大价值。



一、用途 Usege

安装在高层建筑给水系统以及其它给水系统的水泵出口管道上，防止介质倒流，防止水锤及水击现象的产生。一阀兼具电动阀，逆止阀和水锤消除器三种功能，可有效提高供水系统的安全可靠性。

Installed in high-rise building water supply system, and other water supply system of water pump export pipelines, preventing the medium flow back, prevent water hammer and the phenomenon of water attack. With a valve electric valves, check valves and inverse water hammer suppressors three functions, which can effectively improve the safety and reliability of the water supply system.

二、特点 Characteristics

- 1、消除水锤效果好。将缓开、速闭、缓闭消除水锤的技术原理一体化，防止开泵水锤和停泵水锤的产生。
- 2、操作方便。只需操作水泵电机启产按钮，阀门即按照水泵操作规程实现自去开闭。
- 3、节能效果好。阀体采用了全通管道流线型直式设计，压力损失小，流量大，且体积小，重量轻。

1. Eliminate water hammer the effect is good. Will slow open, make speed, closed, slowly-closing eliminate water hammer the technical principle, prevent open pump integrated water hammer and stop the pump water hammer production.
2. The operation is convenient. Just operating pump motor and button, the valve is in according to the water pump operating rules since open and close to realize.
3. Energy saving effect is good. The whole body the streamlined straight pipe type design, low pressure drop, big flow rate, and small size, light weight.

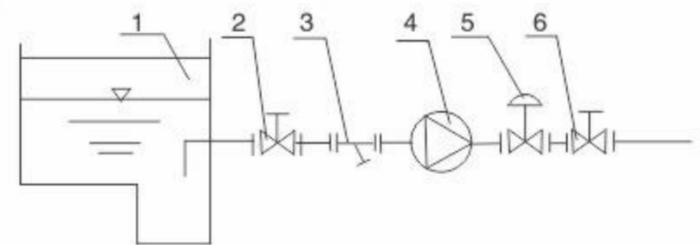
三、主要技术参数 Main technical parameters

- 1、公称压力Nominal pressure: 1.0MPa、1.6MPa、2.5MPa
- 2、最低动作压力The lowest moving pressure : $\geq 0.04\text{MPa}$
- 3、缓闭时间Time of slow closing: 3~60s(可调adjustable)
- 4、适用介质Applicable medium: 水water
- 5、介质温度Temperature of the medium: 0~80℃

四、主要结构尺寸 Main structure size

DN	L	H	D			D1			n-d		
			1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
50	205	293	160	160	160	125	125	125	4-18	4-18	4-18
65	216	328	180	180	180	145	145	145	4-18	4-18	8-18
80	250	364	195	195	200	160	160	160	4-18	8-18	8-18
100	320	418	215	215	230	180	180	190	8-18	8-18	8-23
125	365	481	245	245	270	210	210	220	8-18	8-18	8-25
150	415	543	280	280	300	240	240	250	8-23	8-23	8-25
200	500	673	335	335	360	295	295	310	8-23	12-23	12-25
250	605	792	390	405	425	350	355	370	12-23	12-25	12-30
300	698	927	440	460	485	400	410	430	12-23	12-25	16-30
350	787	957	500	520	555	460	470	490	16-23	16-25	16-34
400	914	1188	565	580	620	515	525	550	16-23	16-30	16-34
450	978	1218	615	640	670	565	585	600	20-25	20-30	20-34
500	978	1256	670	715	730	620	650	660	20-25	20-34	20-41
600	1200	1600	780	840	840	725	770	770	20-30	24-41	20-41
700	1450	1750	895	910		840	840		24-30	24-41	
800	1560	1900	1015	1025		950	950		24-34		
900	1800	2100	1115			1050			28-34		
1000	2000	2400	1230			1160			28-34		

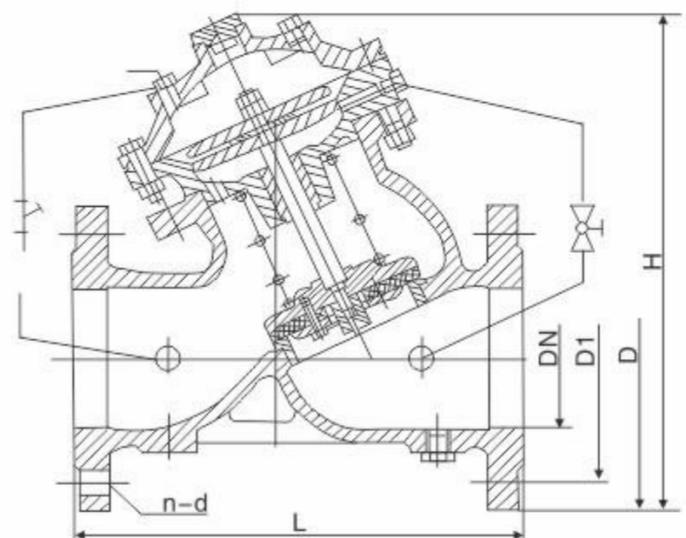
五、安装示意图 Installation Sketch Map



- 1、水池
- 2、弹性座封闸阀
- 3、过滤器
- 4、水泵
- 5、多功能水泵控制阀
- 6、弹性座封闸阀

- 1.pools
- 2.flexible seat sealing gate valve
- 3.filter
- 4.pump
- 5.multi-function pump control valve
- 6.flexible seat sealing gate valve

六、结构图 Structure drawing



一、用途 Usege

安装在高层建筑给水系统以及其它给水系统的管道上，将较高的上浮压力降为符合要求的下游使用压力。

It can be installed in the water supply system of high-rise buildings and pipes of other water supply system to lower the upward pressure to meet the requirements of lower course using pressure .

二、特点 Features

- 1、减压效果可靠。出口压力不受进口压力及流量变化的影响，既可减动压，又可减静压。
- 2、高压操作方便。只需调节先导阀的调节螺钉，就能获得精确、稳定的出口压力。
- 3、节能效果好。阀体采用了全通道流线型直流式设计，压力损失小，流量大，且体积小，重量轻。

1. Reliable decompression .The import pressure doesn't have influence or export pressure .It can reduce relocity pressure and static pressure .
2. easy high-pressure operation .Only to adjust the adjusting screw of the priority valve ,you can gain exact and stable export pressure .
3. energy-saving .The body adopts the straight all-pass pipe streamine form to realize less pressure loss and bigger flow .

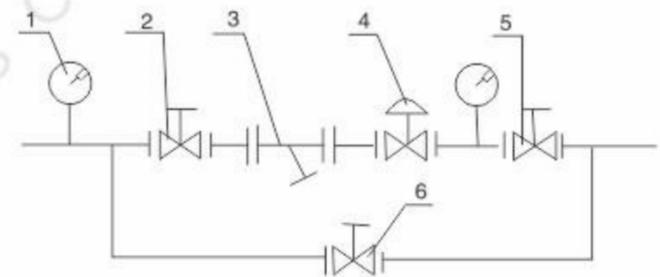
三、主要技术参数 Main technical parameters

- 1、公称压力 Nominal pressure: 1.0MPa、1.6MPa、2.5MPa
- 2、调压范围 Pressure regulating scope: 0.05~0.8MPa、0.12~1.4MPa、0.12~1.6MPa
- 3、缓闭时间 Slowly-closing time: 3~60S(可调adjustable)
- 4、适用介质 Applicable medium: 水water
- 5、介质温度 Temperature of the medium: 0~80℃

四、主要结构尺寸 Main structure size

DN	L	H	D			D1			n-d		
			1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
50	205	300	160	160	160	125	125	125	4-18	4-18	4-18
65	216	337	180	180	180	145	145	145	4-18	4-18	8-18
80	250	467	195	195	200	160	160	160	4-18	8-18	8-18
100	320	520	215	215	230	180	180	190	8-18	8-18	8-23
125	365	580	245	245	270	210	210	220	8-18	8-18	8-25
150	415	640	280	280	300	240	240	250	8-23	8-23	8-25
200	500	778	335	335	360	295	295	310	8-23	12-23	12-25
250	605	889	390	405	425	350	355	370	12-23	12-25	12-30
300	698	1010	440	460	485	400	410	430	12-23	12-25	16-30
350	787	1037	500	520	555	460	470	490	16-23	16-25	16-34
400	914	1264	565	580	620	515	525	550	16-23	16-30	16-34
450	978	1294	615	640	670	565	585	600	20-25	20-30	20-34
500	978	1324	670	715	730	620	650	660	20-25	20-34	20-41
600	1200	1600	780	840	840	725	770	770	20-30	20-41	20-41
700	1450	1750	895	910		840	840		24-30	24-41	
800	1560	1900	1015	1025		950	950		24-34	24-41	
900	1800	2100	1115			1050			28-34		
1000	2000	2400	1230			1160			28-34		

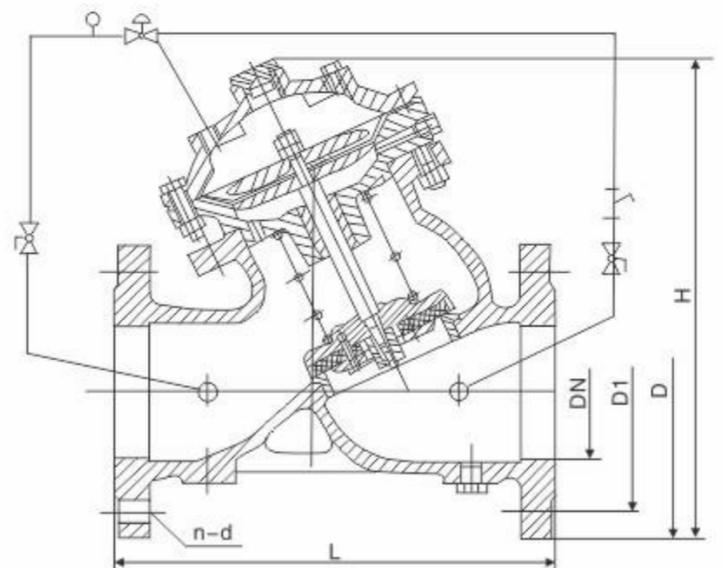
五、安装示意图 Installation Sketch Map



- 1、压力表
- 2、弹性座封闸阀
- 3、过滤器
- 4、可调式减压稳压阀
- 5、弹性座封闸阀
- 6、弹性座封闸阀

1. pressure gage
2. flexible seat sealing gate valve
3. filter
4. Adjustable decompress and stabilivolt valve
5. flexible seat sealing gate valve
6. flexible seat sealing gate valve

六、结构图 Structure drawing



一、用途 Usage

安装在水池、水塔的进水管中，当水池水位达到预设水位时，阀门自动关闭；当水位下降时，阀门自动开启补水。

It can be installed in the intake pipe in a cistern and a water tower .when the water level meets the preconcerted level ,the valve will close by itself and when the water level drops ,the valve will open to let the water in

二、特点 Characteristics

- 1、关闭严密可靠。采用牢固的O型环密封，利用压控制原理，使滑盘关闭力与进水压力成正比，密封可靠性高。
- 2、过流量大。阀门采用全通道流线型设计，流体阻力小，流量大。
- 3、运行安全。利用水力操作，可自动控制水塔或水池的液面，液们控制准确度高。
- 4、使用维护方便。主阀安装在水池外面，调试检查方便，维修简单。

1. Compact close It adopts firm O type seal ring to make the closing fore of the sliding plate and the export pressure direct proportion .
2. Big flow The valve adopts the straight all-pass design to realize less flow resistance and bigger flow
3. Safe running . Hydraulic operation can automatically control the water level of the water tower or the cistern and can have an accurate result .
4. Easy maintenance . The valve is installed out of the cistern ,which max easy checking and maintenance .

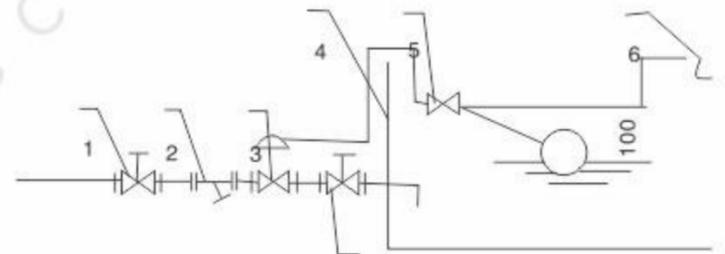
三、主要技术参数 Main technical parameters

- 1、公称压力Nominal pressure: 1.0MPa、1.6MPa、2.5MPa
- 2、适用介质Applicable medium: 水water
- 3、介质温度Temperature of the medium: 0~80℃

四、主要结构尺寸 Main structure size

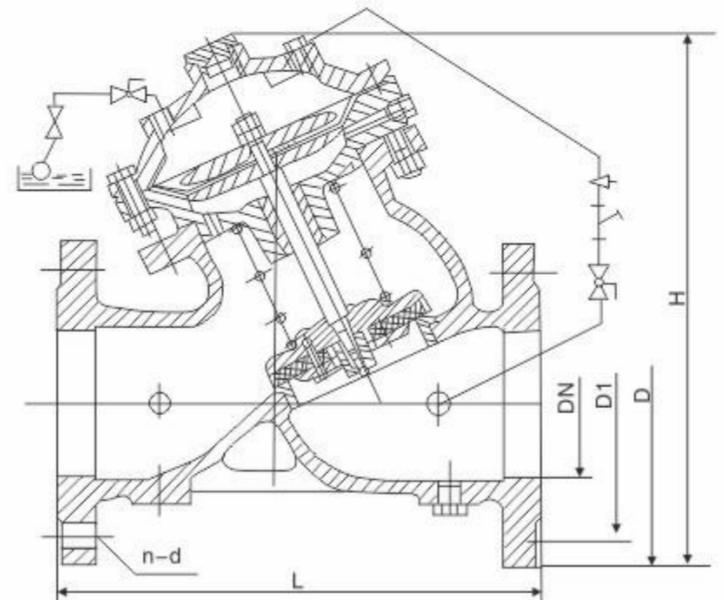
DN	L	H	D			D1			n-d		
			1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
50	205	255	160	160	160	125	125	125	4-18	4-18	4-18
65	216	290	180	180	180	145	145	145	4-18	4-18	8-18
80	250	326	195	195	200	160	160	160	8-18	8-18	8-18
100	320	380	215	215	230	180	180	190	8-18	8-18	8-23
125	365	448	245	245	270	210	210	220	8-18	8-18	8-25
150	415	495	280	280	300	240	240	250	8-22	8-23	8-25
200	500	625	335	335	360	295	295	310	8-22	12-23	12-25
250	605	744	390	405	425	350	355	370	12-22	12-25	12-30
300	698	879	440	460	485	400	410	430	12-22	12-25	16-30
350	787	909	500	520	555	460	470	490	16-22	16-25	16-34
400	914	1130	565	580	620	515	525	550	16-26	16-30	16-34
450	978	1160	615	640	670	565	585	600	20-26	20-30	20-34
500	978	1198	670	715	730	620	650	660	20-26	20-34	20-41
600	1200	1600	780	840	840	725	770		20-30	20-41	20-41
700	1450	1750	895	910		840	840		24-30	24-41	
800	1560	1900	1015	1025		950	950		24-34	24-41	
900	1800	2100	1115			1050			28-34		
1000	2000	2400	1230			1160			28-34		

五、安装示意图 Installation Sketch Map



- | | |
|----------|------------------------------------|
| 1、弹性座封闸阀 | 1.flexible seat sealing gate valve |
| 2、过滤器 | 2.filter |
| 3、遥控浮球阀 | 3.telecontrolled floating valve |
| 4、水池 | 4.pools |
| 5、浮球导阀 | 5.floating pilot valve |
| 6、溢水管 | 6.overflow pipe |
| 7、弹性座封闸阀 | 7.flexible seat sealing gate valve |

六、结构图 Structure drawing



一、用途 Usege

安装在各类给水系统的管道上，根据电信号或手动操作，使阀门打开，使阀门打开或关闭。

It can be installed in pipes of various water supply systems. The opening and closing of the valve gate are according to the electric signal or manual operation.

二、特点 Characteristics

- 1、准确快速的控制反应。
- 2、关闭速度可调，阀门平稳关闭而不会产生压力波动。
- 3、采用三向电磁阀，维护简单。

1. Exact and quick control reaction.
2. Adjustable closing speed and stable closure of the Valve gate make sure there are no pressure changes.
3. The use of three-way electromagnetic valve, simple maintenance.

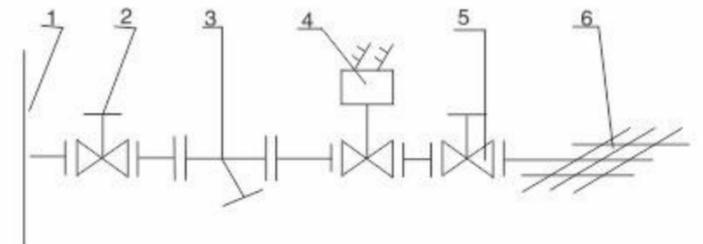
三、主要技术参数 Main technical parameters

- 1、公称压力Nominal pressure: 1.0MPa、1.6MPa、2.5MPa
- 2、适用介质Applicable medium: 水water
- 3、介质温度Temperature of the medium: 0~80℃
- 4、电磁阀的说明 Electromagnetic valve instructions
电压: 交流220V 直流: 24V 任选: 防爆常开、常闭
voltage: ac 220 V dc: 24 V choose: explosion-proof often open and closed

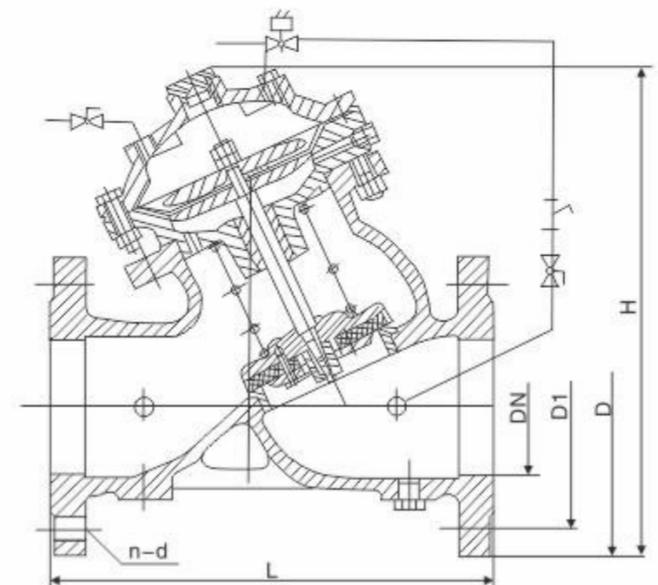
四、主要结构尺寸 Main structure size

DN	L	H	D			D1			n-d		
			1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
50	205	320	160	160	160	125	125	125	4-18	4-18	4-18
65	216	367	180	180	180	145	145	145	4-18	4-18	8-18
80	250	400	195	195	200	160	160	160	4-18	8-18	8-18
100	320	452	215	215	230	180	180	190	8-18	8-18	8-23
125	365	522	245	245	270	210	210	220	8-18	8-18	8-25
150	415	592	280	280	300	240	240	250	8-23	8-23	8-25
200	500	696	335	335	360	295	295	310	8-23	12-23	12-25
250	605	810	390	405	425	350	355	370	12-23	12-25	12-30
300	698	943	440	460	485	400	410	430	12-23	12-25	16-30
350	787	1200	500	520	555	460	470	490	16-23	16-25	16-34
400	914	1230	565	580	620	515	525	550	16-23	16-30	16-34
450	978	1230	615	640	670	565	585	600	20-25	20-30	20-34
500	978	1270	670	715	730	620	650	770	20-25	20-33	20-41
600	1200	1600	780	840	840	725	770		20-30	20-36	20-41
700	1450	1750	895	910		840	840		24-30	24-36	
800	1560	1900	1015	1025		950	950		24-34	24-39	
900	1800	2100	1115			1050			28-34		
1000	2000	2400	1230			1160			28-34		

五、安装示意图 Installation Sketch Map



- 1、主管线 trunk line
- 2、弹性座封闸阀 flexible seat sealing gate valve
- 3、过滤器 filter
- 4、电动遥控阀 electromagnetic valve
- 5、弹性座封闸阀 flexible seat sealing gate valve
- 6、用户系统 user system



一、用途 Usege

安装在高层建筑、消防给水系统以及其它给水系统的管道上，当给水管路中压力超过泄压阀设定压力时，泄压阀自动开启快速泄压，保护管线的安全，也可作持压阀用，保障主阀上游的供水压力。

It can be installed in pipes of high rise buildings and fire fighting and other water supply system .When the presswe in the water supply pipe is beyond the givenpressure of the relief pressure valve .it will automatically open up and relieve .the pressue quicky to make sure the safety of the pipes .It can be used as a .holding pressure valve to maintain the water pressure of the upper parts of the value

二、特点 Characteristics

1、能准确保持不变的安全设定压力，一旦超压，泄压阀迅速打开，及时泄压。

2、关闭平稳可靠，消除压力余波。

1.It can accurately maintain the given pressure once thare is excessiive pressure .the relief pressure valve will take actions at once

2.The opening and the closure are stable and reliable to eliminate extra pressure

三、主要技术参数 Main technical parameters

1、公称压力Nominal pressure: 1.0MPa、1.6MPa、2.5MPa

2、调压范围Pressure regulating scope:

0.05~0.9MPa、0.12~1.4MPa、0.12~2.4MPa

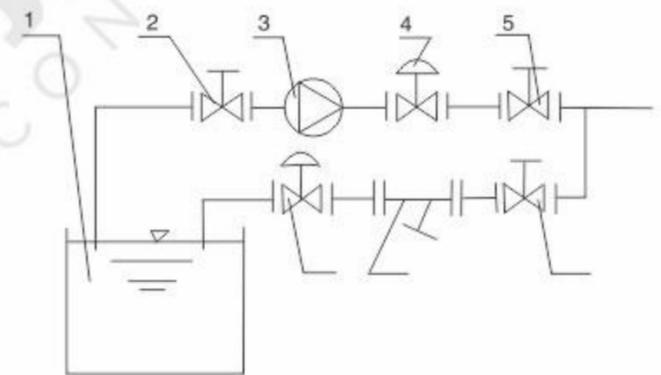
3、适用介质Applicable medium: 水water

4、介质温度Temperature of the medium: 0~80℃

四、主要结构尺寸 Main structure size

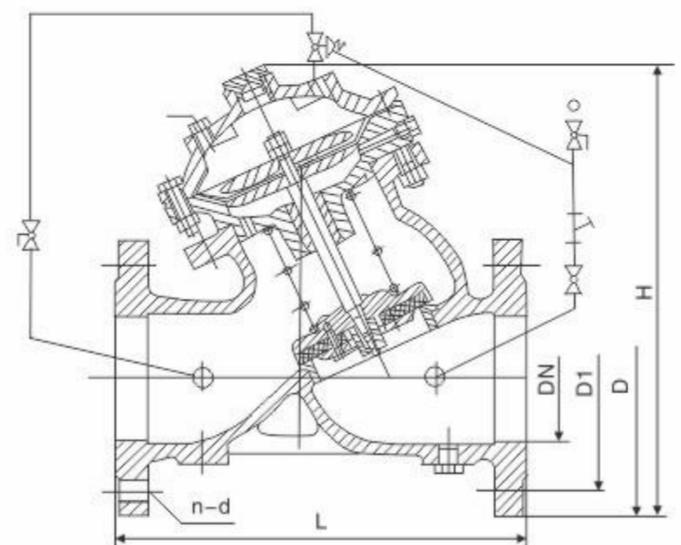
DN	L	H	D			D1			n-d		
			1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
50	205	300	160	160	160	125	125	125	4-18	4-18	4-18
65	216	337	180	180	180	145	145	145	4-18	4-18	8-18
80	250	467	195	195	200	160	160	160	4-18	8-18	8-18
100	320	520	215	215	230	180	180	190	8-18	8-18	8-23
125	365	580	245	245	270	210	210	220	8-18	8-18	8-25
150	415	640	280	280	300	240	240	250	8-23	8-22	8-25
200	500	778	335	335	360	295	295	310	8-23	12-22	12-25
250	605	889	390	405	425	350	355	370	12-23	12-26	12-30
300	698	1010	440	460	485	400	410	430	12-23	12-26	16-30
350	787	1037	500	520	555	460	470	490	16-23	16-26	16-34
400	914	1264	565	580	620	515	525	550	16-23	16-30	16-34
450	978	1294	615	640	670	565	585	600	20-25	20-30	20-34
500	978	1324	670	715	730	620	650	660	20-25	20-33	20-41
600	1200	1600	780	840	840	725	770	770	20-30	20-36	20-41
700	1450	1750	895	910		840	840		24-30	24-36	
800	1560	1900	1015	1025		950	950		24-34	24-39	
900	1800	2100	1115			1050			28-34		
1000	2000	2400	1230			1160			28-34		

五、安装示意图 Installation Sketch Map



- 1、水池 pool
- 2、弹性座封闸阀 flexible seat sealing gate valve
- 3、水泵 pump
- 4、多功能水泵控制阀 multi-functional pump control valve
- 5、弹性座封闸阀flexible seat sealing gate valve
- 6、弹性座封闸阀flexible seat sealing gate valve
- 7、过滤器 filter
- 8、泄压阀 relief pressure valve

六、结构图 Structure drawing



一、结构及用途 Structure and Usage

减压阀由主阀2、导阀1、针阀5、球阀3与压力表4等组成。减压阀主要控制主阀的固定出口压力，主阀出口压力不因进口压力变化而改变，并不因主阀出口流量的变化而改变其出口压力。适用于工业给水、消防供水及生活用水管网系统。

A relief pressure valve is made up of main valve 2, pilot valve 1, needle valve 5, ball valve 3 and the pressure gage. It mainly controls the fixed export pressure of the main valve. Which can, t be changed by the different export flow of the main valve. It can be used in the industrial and fire-fighting water supply system and the domestic water pipe system.

二、主要技术参数 Main technical parameters

公称压力PN	1.0MPa	1.6MPa	2.5MPa
壳体试验压力 Body testing pressure	1.5MPa	2.4MPa	3.75MPa
密封试验压力 Sealing testing pressure	1.1MPa	1.76MPa	2.75MPa
最大入口压力 Ultimate import pressure	1.0MPa	1.6MPa	2.5MPa
出口压力可调范围 The adjust range of export pressure	0.09~0.8MPa	0.10~1.2MPa	0.15~1.6MPa
工作温度 Working temperature	≤80℃		
适用介质 Applicable medium	清水Clear water、原水raw water		

三、主要外形尺寸 Main structure size

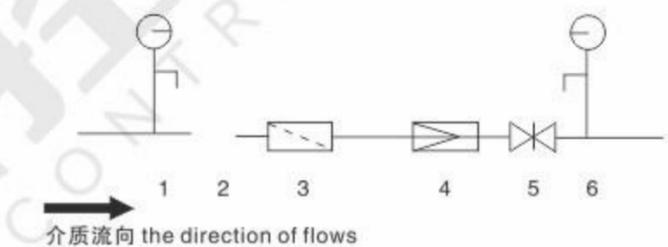
公称压力DN(mm)	L	H	H1	W	W1	F	
40	210	395	278	330	155	170	
50	210	395	278	330	155	170	
65	240	405	298	350	165	180	
80	285	430	313	365	175	210	
100	360	510	350	410	195	275	
125	400	560	365	455	220	310	
150	455	585	420	475	230	355	
200	585	675	450	530	255	460	
250	780	730	470	623	300	500	
300	800	760	490	700	340	580	
350	860	840	526	840	415	640	
400	960	910	570	880	430	715	
活塞型 Piston	450	1075	1030	610	930	460	780
	500	1075	1135	665	980	490	830
	600	1230	1270	725	1060	530	920
	700	1650	1460	865	1130	560	980
	800	1750	1640	975	1230	610	1050

法兰连接尺寸Flange size:

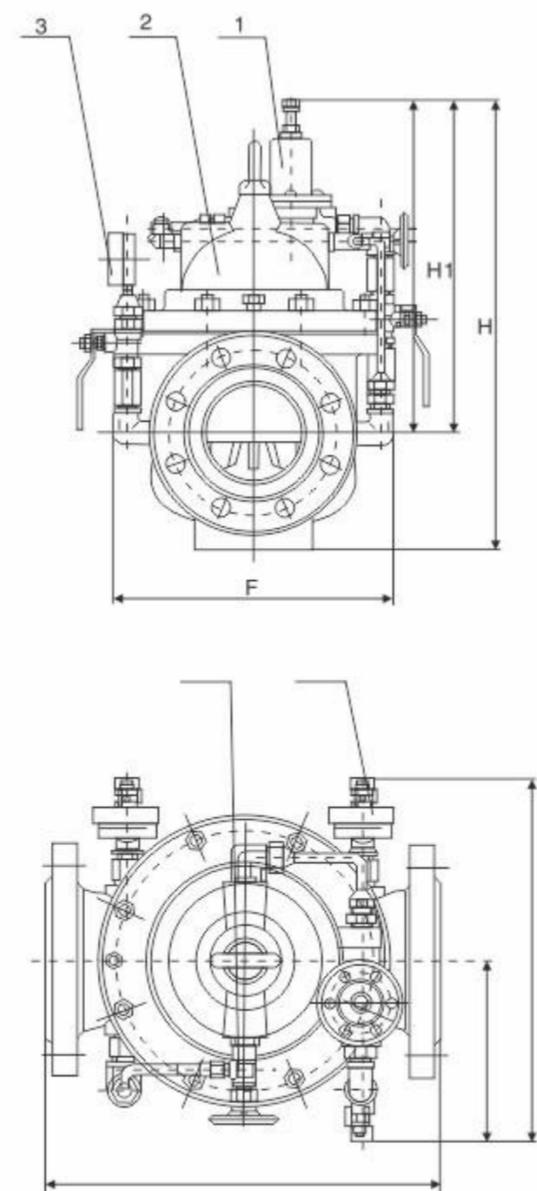
PN1.0MPa、PN1.6MPa按pressGB4216.4-84标准standard

PN2.5MPa按pressGB9113.4-88标准standard

四、安装示意图 Installation Sketch Map



五、结构图 Main structure size



SLD200X减压阀 Relief pressure valve

一、结构及用途 Structure and Usage

遥控浮球阀由主阀1、针阀3、球阀2与浮球阀4等组成。遥控浮球阀能有效地控制水塔或水箱液面，适时切断或打开阀芯输入水流或阻止水流外泄。液位控制准确，水位不受压力波动干扰，开闭紧密不漏水，浮球灵活，维护保养简单。(控制浮球可与主阀分离安装)，适用于工矿、企业、高层建筑中的水箱、水池、水塔的自动供水系统。

A telecontrolled floating valve is made up of the main valve1, needle valve3, ball valve2 and floating valve4. It can effectively control the water level of water tower or water tank and cut off or open up the ventileheit to input the water flow or prevent the leak of water. The liquid level control is accurate. The water-level isn't affected lead to no leakage. The floating ball is flexible and the maintenance is easy. It can be used in the automatic water supply systems of the water tanks, cisterns and water tower of .mining industry, companies and high-rise buildings.

二、主要技术参数 Main technical parameters

公称压力PN	1.0MPa	1.6MPa	2.5MPa
壳体试验压力 Body testing pressure	1.5MPa	2.4MPa	3.75MPa
密封试验压力 Sealing testing pressure	1.1MPa	1.76MPa	2.75MPa
工作温度 Working temperature	≤80℃		
最低动作压力 minimum motion pressure	P1≥0.07MPa		
适用介质 Appliable medium	水 water		

三、主要外形尺寸 Main structure size

单位Unit: mm

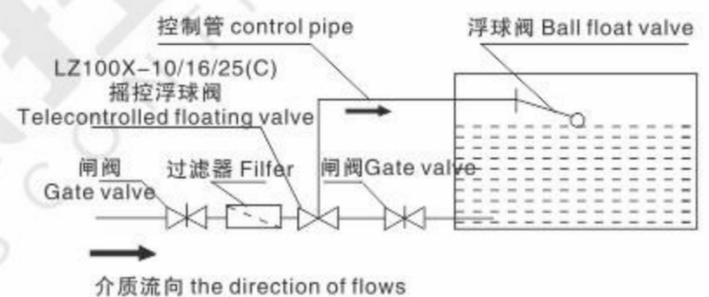
公称压力DN(mm)	L	H	H1	W	W1	F	
40	210	165	210	280	139	170	
50	210	265	210	280	139	170	
65	240	310	215	284	141	180	
80	285	350	245	292	145	210	
100	360	460	305	330	164	275	
125	400	520	365	340	169	310	
150	455	570	415	350	174	355	
200	585	695	510	392	195	460	
250	780	780	560	442	220	500	
300	800	905	658	472	235	580	
350	860	1025	696	532	265	640	
400	960	1080	735	582	290	715	
活塞型 Piston	450	1075	1030	610	632	320	780
	500	1075	1135	665	682	350	830
	600	1230	1270	725	762	390	920
	700	1650	1460	865	832	420	980
	800	1750	1640	975	932	470	1050

法兰连接尺寸Flange size:

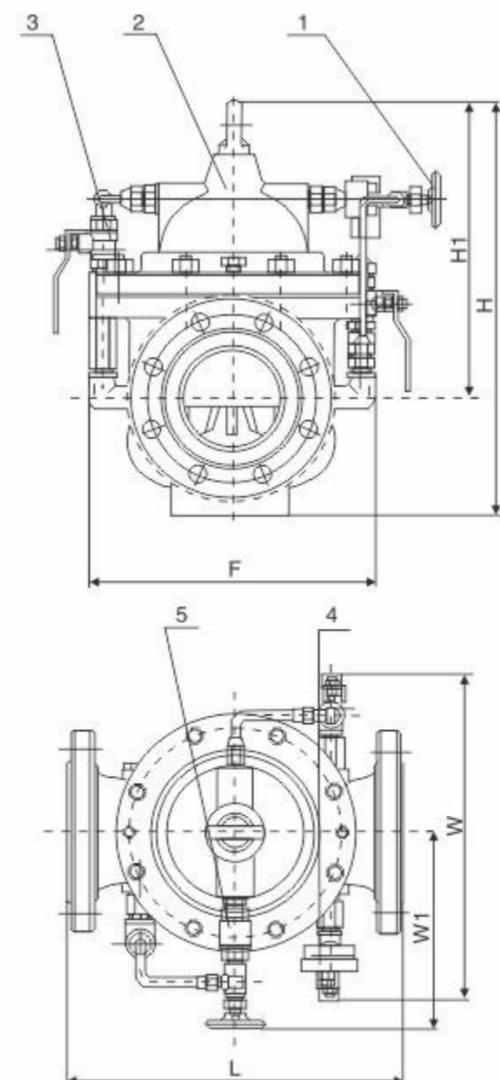
PN1.0MPa、PN1.6MPa按pressGB4216.4-84标准standard

PN2.5MPa按pressGB9113.4-88标准standard

四、安装示意图 Installation Sketch Map



五、结构图 Main structure size



SLD100X遥控浮球阀 Telecontrolled floating valve

一、结构及用途 Structure and Usage

缓闭式逆止阀由主阀2、单向阀5、针阀1、球阀3与压力表4等组成。缓闭式逆止阀具有开启和关闭速度调控的逆止功能，阀门安装后能有效控制水泵在启动与停止运转时会自动调节到最佳开启与关闭的速度。适用于工矿企业、高层建筑由水泵直接给排水系统中，减小水锤及水击现象产生，以达到安全关闭的效果。

A slow closing cut-off valve is made up of the main valve 2, one-way valve 5, needle valve 1, ball valve 3 and the pressure gage 4. It owns a cut-off function of the adjustment of opening and closing speed. After installation, it can effectively control the pump to gain the best opening and closing speed. It can be used in mining industry, high-rise building water supply system and reduce the happening of water hammers and water attacks to close safely.

二、主要技术参数 Main technical parameters

公称压力PN	1.0MPa	1.6MPa	2.5MPa
壳体试验压力 Body testing pressure	1.5MPa	2.4MPa	3.75MPa
密封试验压力 Sealing testing pressure	1.1MPa	1.76MPa	2.75MPa
工作温度 Working temperature	≤80℃		
最低动作压力 minimum motion pressure	P1≥0.07MPa		
适用介质 Appliable medium	水water		

四、安装示意图 Installation Sketch Map

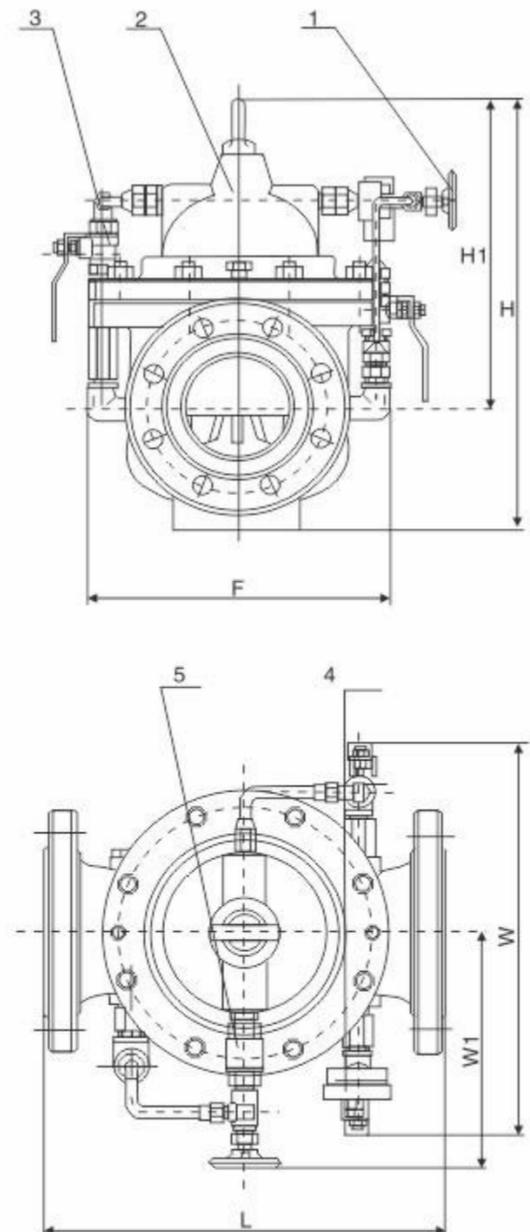


三、主要外形尺寸 Main structure size

单位Unit: mm

公称压力DN(mm)	L	H	H1	W	W1	F	
40	210	265	210	320	210	170	
50	210	265	210	320	210	170	
65	240	310	215	330	215	180	
80	285	350	245	350	220	210	
100	360	460	305	410	230	275	
125	400	520	365	420	245	310	
150	455	570	415	430	260	355	
200	585	695	510	440	280	460	
250	780	780	560	450	300	500	
300	800	905	658	460	320	580	
350	860	1025	696	470	340	640	
400	960	1080	735	480	360	715	
活塞型 Piston	450	1075	1030	610	530	395	780
	500	1075	1135	665	580	420	830
	600	1230	1270	725	600	445	920
	700	1650	1460	865	730	495	980
	800	1750	1640	925	830	530	1050

五、结构图 Main structure size



法兰连接尺寸Flange size:

PN1.0MPa、PN1.6MPa按pressGB4216.4-84标准standard

PN2.5MPa按pressGB9113.4-88标准standard

SLD300X缓闭式逆止阀Slow closing cut-off valve

一、结构及用途 Structure and Usage

泄压/持压阀由主阀4、导阀1、针阀2、球阀3与压力表5等组成。泄压/持压阀管线上能有效地将超过导阀1安全设定值之压力泄压释放，防止对管线与设备因超压而损坏。该阀主要用于高层大楼消防测试循环系统的泄压，以防止压过高造成系统故障。可维持主阀上游供水压力于某一设定值以上，保障主阀上游供水区的压力。

A relief pressure/holding pressure valve is made up of a main valve4, pilot valve, needle valve2, ball valve3 and a pressure gage. It can effectively relieve the excessive pressure according to the pilot valve1 to prevent the pipeline and equipment from damaging. Because of super high pressure. It can be mainly used in the fire-fighting testing circulation system to prevent it from breakdown and make sure the upper reach water supply pressure of the main valve.

二、主要技术参数 Main technical parameters

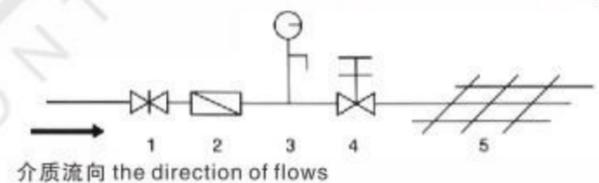
公称压力PN	1.0MPa	1.6MPa	2.5MPa
壳体试验压力 Body testing pressure	1.5MPa	2.4MPa	3.75MPa
密封试验压力 Sealing testing pressure	1.1MPa	1.76MPa	2.75MPa
出口压力可调节范围 The adjust range of export pressure	0.09~0.8MPa	0.10~1.2MPa	0.15~1.6MPa
工作温度 Working temperature	≤80℃		
适用介质 Applicable medium	水water		

三、主要外形尺寸 Main structure size

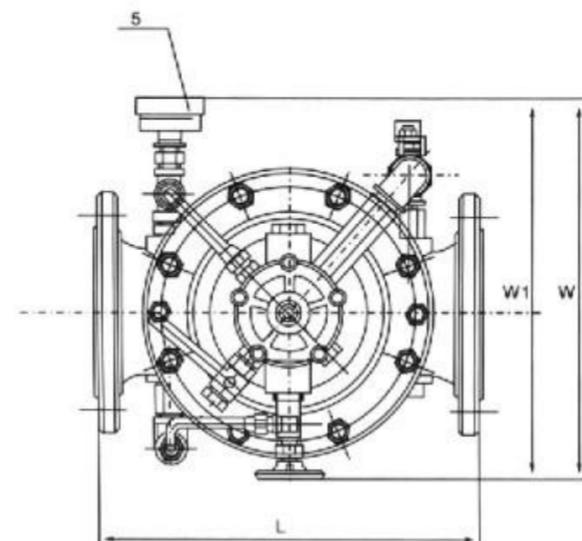
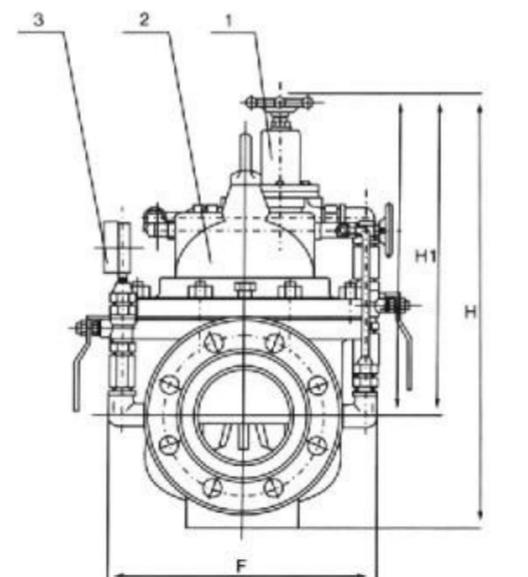
单位Unit: mm

公称压力DN(mm)	L	H	H1	W	W1	F	
40	210	610	516	345	135	170	
50	210	610	516	345	135	170	
65	240	625	520	355	140	180	
80	285	645	538	360	146	210	
100	360	750	596	400	156	275	
125	400	808	655	420	170	310	
150	455	864	710	435	186	355	
200	585	1135	805	480	206	460	
250	780	1185	855	530	226	500	
300	800	1325	955	575	246	580	
350	860	1385	990	620	275	640	
400	960	1445	1030	635	286	715	
活塞型 Piston	450	1075	1325	905	665	320	780
	500	1075	1430	960	695	348	830
	600	1230	1565	1020	720	372	920
	700	1650	1765	1160	770	422	980
	800	1750	2230	1515	805	458	1050

四、安装示意图 Installation Sketch Map



五、结构图 Main structure size



SLD500X泄压/持压阀
relief pressure valve/holding pressure valve

法兰连接尺寸Flange size:

PN1.0MPa、PN1.6MPa按pressGB4216.4-84标准standard

PN2.5MPa按pressGB9113.4-88标准standard

一、结构及用途 Structure and Usage

水力电动控制阀主要由主阀4、针阀2、电磁向导阀1与球阀3等组成。水力电动控制阀是用于安装在管路中作为电动遥控开启和关闭的功能，同时可加装速度调控装置，可取代启闭闸阀或蝶阀的大型电动装置。维修简单、使用方便、安全可靠。

A hydraulic electric control valve is mainly made up of the main valve 4, needle valve 2, and solenoid valve 1 and ball valve 3. It can be installed in pipelines to electrically remote control the opening and closure. If the speed regulating installation is added, it can replace the large electric actuator of the gate valve or the butterfly valve. It is easy to repair and to use.

二、主要技术参数 Main technical parameters

公称压力PN	1.0MPa	1.6MPa	2.5MPa
壳体试验压力 Body testing pressure	1.5MPa	2.4MPa	3.75MPa
密封试验压力 Sealing testing pressure	1.1MPa	1.76MPa	2.75MPa
工作温度 Working temperature	≤80℃		
最低动作压力 minimum motion pressure	P1≥0.07MPa		
电磁阀电压交流 Voltage of alter-mating current	AC 220V		
电磁阀电压直流 Solenoid valve voltage of direct current	DC 24V		
适用介质 Appliable medium	水water		

三、主要外形尺寸 Main structure size

单位Unit: mm

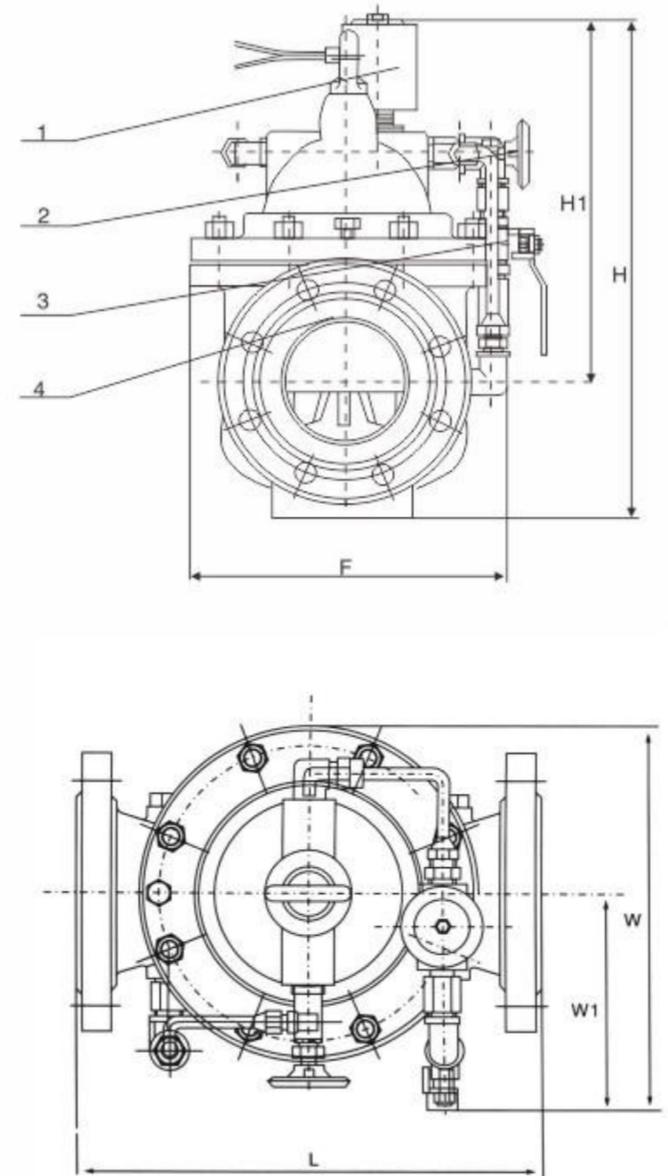
公称压力DN(mm)	L	H	H1	W	W1	F	
40	210	395	278	240	155	170	
50	210	395	278	240	155	170	
65	240	405	298	255	165	180	
80	285	430	315	280	175	210	
100	360	510	350	332	195	275	
125	400	560	365	375	220	310	
150	455	585	420	408	230	355	
200	585	675	450	485	255	460	
250	780	730	470	550	300	500	
300	800	760	490	630	340	580	
350	860	840	526	735	415	640	
400	960	910	570	788	430	715	
活塞型 Piston	450	1075	1070	610	850	460	780
	500	1075	1135	665	905	490	830
	600	1230	1270	725	970	530	920
	700	1650	1460	865	1050	560	980
	800	1750	1640	975	1135	610	1050

法兰连接尺寸Flange size:

PN1.0MPa、PN1.6MPa按pressGB4216.4-84标准standard

PN2.5MPa按pressGB9113.4-88标准standard

四、结构图 Main structure size



SLD600X水力电动控制阀
Hydraulic electric control valve

一、结构特点 Structure and usage.

微阻缓闭止回阀用于给排水管道，安装在水泵出口处用来防止介质逆流和消除破坏性水锤，并能有效地减少阀门关闭水锤压力，可保障管网安全运行。它具有阀瓣轻、开度大、节电效果显著，流体阻力小，水锤消除机构设计新颖，密封性能稳定可靠、耐磨损、使用寿命长、运行平稳、无振动、无噪声等特点。

A micro-resistance and the exit or pumps of slow closing check valve can be installed in drainage pipelines. To prevent the adverse current and eliminate destructive water hammers and effectively to reduce the closing pressure and maintain the pipelines safe. It owns many merits such as light valve disc, energy-saving, less flow-resistance, amine design of water hammer elimination, stable and reliable sealing, wear-resistance, long-term use, stable running, no vibration and no noise.

二、主要零件材料 Main parts material

零件名称 Part name	阀体、蝶板 Body, Butterfly plate	阀瓣 Disc	阀轴 Shaft
材料 Material	灰铸铁、铸钢 Gray iron, Cast steel	橡胶组合件 Rubber assembly	不锈钢 Stainless steel

三、主要技术参数 Main technical parameters

型号 Type	公称通径 DN(mm)	公称压力 PN(MPa)	试验压力 PS(MPa)		最高工作压力 (MPa)	工作温度 Working temperature	适用介质 Applicable medium
			壳体 Shell	密封 Seal			
HH44 ^T _X - ^{1.0} _{1.6} _{2.5}	50~800	1.0	1.5	1.1	1.0	≤80℃(根据用户要求可达200℃) More than 80℃ (according to user requirements of up to 200℃)	水、弱腐蚀性介质 Water, weak corrosive medium
KHH44		1.6	2.4	1.76	1.6		
HH44Z/X		2.5	3.75	2.75	2.5		

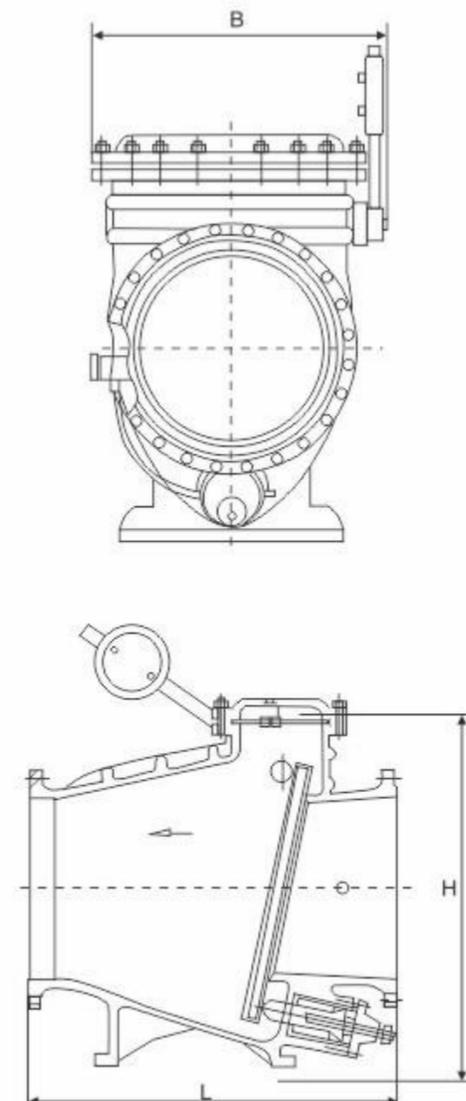
四、主要结构尺寸 Main structure size

单位 Unit: mm

型号 Type	公称通径 DN(mm)	尺寸 Size		
		L	H	B
	40	200	300	220
	50	230	300	270
	65	290	320	290
	80	310	354	300
	100	350	350	320
	125	400	380	340
HH44T-10	150	480	500	410
HH44X-10	200	500	580	450
HH44H-10	250	600	670	550
HH44T-16	300	700	730	580
HH44X-16	350	800	820	630
HH44H-16	400	900	920	700
HH44T-25	45	1000	950	800
HH44X-25	500	1100	1100	900
HH44H-25	600	1300	1200	990
	700	1400	1550	1120
	800	1500	1700	1300

法兰连接尺寸 Flange size: 按 press JB/T79-94

五、结构图 Structure drawing



一、用途 Usage

在工作介质为水、气、油等工业管道中作截流用。安装在各类池予内。用心排除池底泥沙或污水。

Its working media such as water, gas and oil can stop the flow in the industrial pipelines. It can be installed in various cisterns to eliminate sediment and waste water.

二、工作原理及性能 Working principles

本系列产品均由液压缸和截止阀两大部份组成，液压缸动力带动阀板升降，使阀体通道开或闭以达到流体通断。

液压缸的活塞密封件为L型皮碗，其密封性能好，经久耐用。皮碗先用膨胀革制作，其寿命达到两年以上。

阀瓣装有橡胶板(橡胶夹铁板)。以便阀门用久了，阀瓣上橡胶如以磨损更换，使阀门关闭性能更理想，使用时间更长，无渗漏。

The products of this series are made up of fluid cylinder and globe valve. The power of the fluid cylinder drives the disc up and down to make the channel of the valve open and close.

The piston sealing of the fluid cylinder is L type packing leather which is good at sealing and long-term use. The packing leather is made of expansion leather and it works well in more than two years.

The valve disc is with a rubber sheet in case the rubber can be replaced after long-term use.

三、技术要求 Technical requirements

液压缸工作介质 Fluid cylinder working medium	清水、气、油(订货时请注明)Clear water, gas, oil (ordering please indicate)
液压缸工作压力 Fluid cylinder working pressure	0.15~1.0MPa
介质温度 Medium temperature	常温Normal temperature
阀体公称压力 Body PN	1MPa
阀体密封压力 Body sealing pressure	1MPa

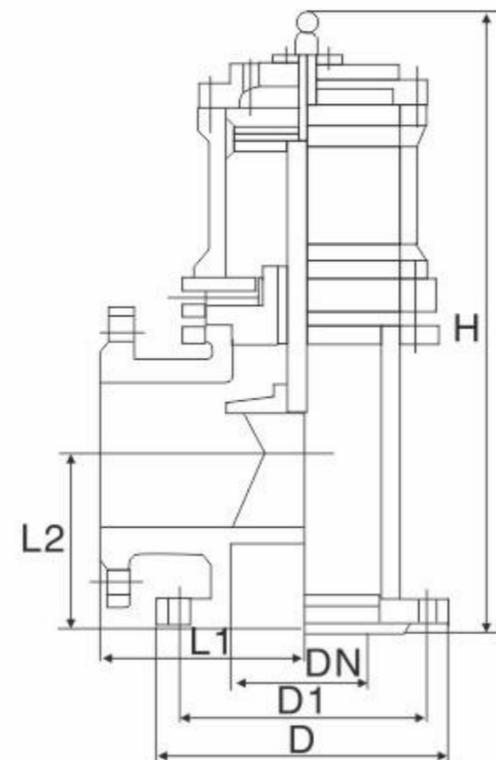
四、液动池外排泥阀外形、法兰连接尺寸表

Hydraulic pool discharge mud valve appearance, flange connection size table

型号 Type 公称通径 DN(mm)	H742X-10					接管螺纹G Pipe Tread	阀杆材料 Stem materials
	尺寸mm H	S	D	D1	Z-Φd		
150	110	490	280	240	8-23	1/2"	不锈钢 stainless steel
200	110	530	335	295	8-23	1/2"	不锈钢 stainless steel
250	110	570	390	350	12-23	1/2"	不锈钢 stainless steel
300	140	610	440	400	12-23	3/4"	不锈钢 stainless steel
400	140	710	565	515	16-25	1"	不锈钢 stainless steel
500	160	810	670	620	20-25	1"	不锈钢 stainless steel

型号 Type 公称通径 DN(mm)	J744X-10						接管螺纹G Pipe Tread	阀杆材料 Stem materials
	尺寸mm H	L1	L2	D	D1	Z-d		
80	480	121	121	195	160	4-18	1/2"	不锈钢 stainless steel
100	500	146	146	215	180	4-18	1/2"	不锈钢 stainless steel
150	620	200	175	280	240	8-23	1/2"	不锈钢 stainless steel
200	735	225	185	335	295	8-23	1/2"	不锈钢 stainless steel
250	805	260	260	390	350	12-23	3/4"	不锈钢 stainless steel
300	940	375	35	440	400	12-23	3/4"	不锈钢 stainless steel
350	1100	394	394	500	460	16-23	1"	不锈钢 stainless steel
400	1200	457	457	565	515	12-25	1"	不锈钢 stainless steel

五、结构图 Main structure size



结构特点及动作原理

水力控制阀一般分为隔膜型和活塞型两大类，两者工作原理相同，水力控制阀都是上下游压力差 ΔP 为动力，由导阀控制，使隔膜（活塞）液压式差动操作，完全由水力自动调节，从而使主阀阀盘完全开启或完全关闭，或处于调节状态。它由一个主阀（如图1、2所示）及其外装之针阀、导阀、导管和压力表等组成并配合使用目的、功能及场所的不同而演变成遥控浮球阀、减压阀、缓闭止回阀、流量控制阀、泄压/持压阀、水力电动控制阀、定水位阀、水泵控制阀、紧急闭阀等。

Structural characteristics and operation principle

Water power control valves are generally divided into membrane-type and piston type two categories, both work the same upstream and downstream hydraulic control valves are pressure difference ΔP as the driving force controlled by the pilot valve to diaphragm (piston) hydraulic differential operation entirely by the automatic adjustment of water, so that the main valve disc completely open or completely closed, or in regulating the state. It consists of a main valve (as shown in Figure 1,2) and the exterior of the needle valve, pilot valve, a combination of catheter and pressure gauge, etc. and with the purpose, function and evolve into different places remote control float valve, reducing valve, relief valve closed, flow control valves, pressure relief / holding pressure valve, hydraulic power control valve, fixed water level valve, pump control valves, emergency closure valve.

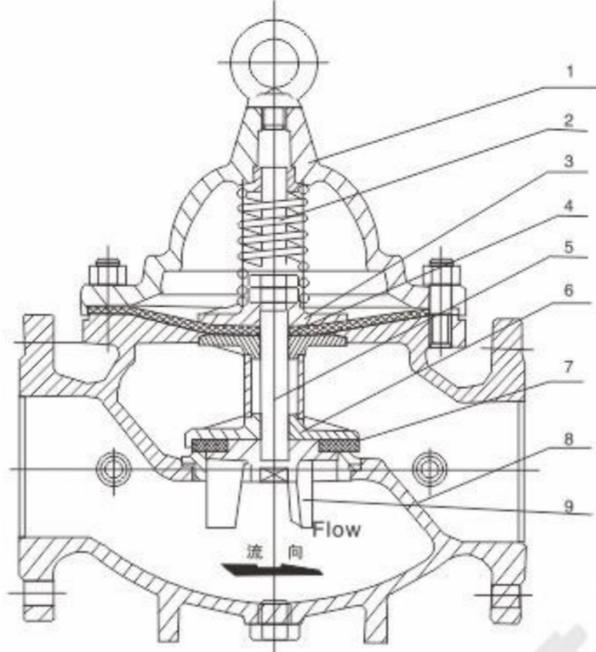


图1 主阀（隔膜型）结构图
Figure 1 Main Valve (diaphragm type) Chart

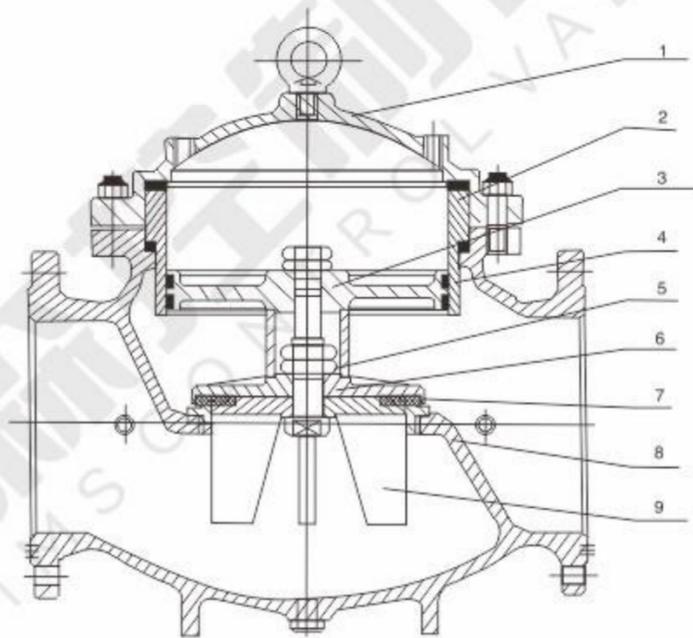
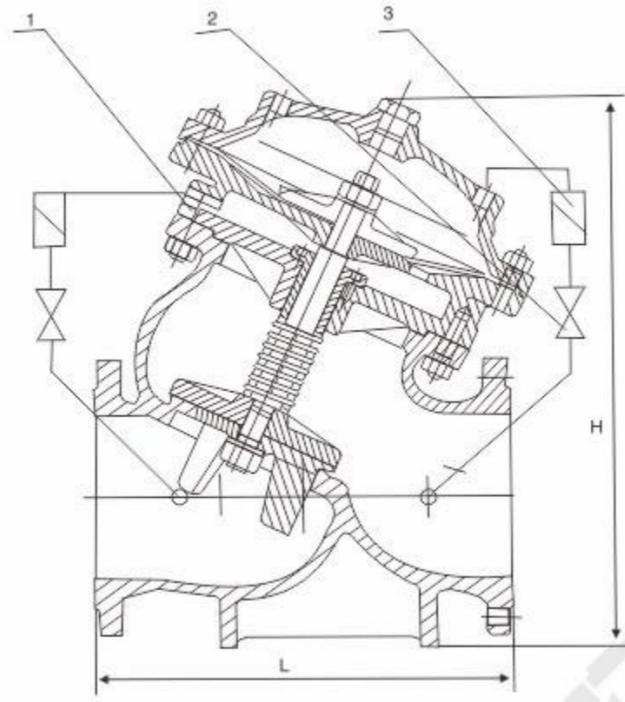


图2 主阀（活塞型）结构图
Figure 2 the main valve (piston type) Chart

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

编号NO.		零件名称 Part name	材质Material	编号NO.		零件名称 Part name	材质Material
隔膜型 Diaphragm type	活塞型 Piston			隔膜型 Diaphragm type	活塞型 Piston		
1	1	阀盖 Cover	铸铁、球铁、碳钢、不锈钢 Cast iron, ductile iron, carbon steel, stainless steel	5	4	O型圈 O-ring	丁腈橡胶NBR
2		压缩弹簧 Compression spring	硅锰钢 Silicon-manganese steel	6	5	阀杆Stem	不锈钢 Stainless steel
	2	缸套 Liner	不锈钢 Stainless steel	7	6	阀盘 Valve plate	球铁、青铜 Ductile iron, bronze
3		膜片压板 Diaphragm plate	丁腈橡胶NBR	8	7	密封垫 Gasket	丁腈橡胶NBR
	3	活塞 Piston	球铁、青铜 Ductile iron, bronze	9	8	阀体Body	铸铁、球铁、碳钢、不锈钢 Cast iron, ductile iron, carbon steel, stainless steel
4		膜片 Diaphragm	丁腈橡胶NBR		9	密封垫压板 Gasket plate	青铜Bronze



745X

结构及用途

该阀主要由主阀1、调节阀2、过滤器3等组成。用于矿、企业、高层建筑中由水泵直接给排水系统中具有截止阀、止回阀、电动阀和水锤消除器四种功能。尤其适用于配套自动化扬水控制系统，无需由气控制器和外接动力，按常规自动启闭，具有速闭、缓闭及吸能腔三种防止和消除水锤的功能，能有效地提高系统安全可靠。满足系统工程设备自动化控制要求。

Structure and use

This valve mainly by the main valve 1, regulating valve 2, and strainer 3 and so on is composed. For mining, business, high-rise buildings directly to the drainage system by the pump has cut-off valve, check valve, electric valve and water hammer eliminator four functions. Especially for supporting automatic pumping control system, no need for air controllers and the external driving force, according to conventional auto-off, with quick closure, closure and slow absorption chamber to prevent and eliminate water hammer of three features can improve system security reliability. Automation Control Systems to meet the requirements.

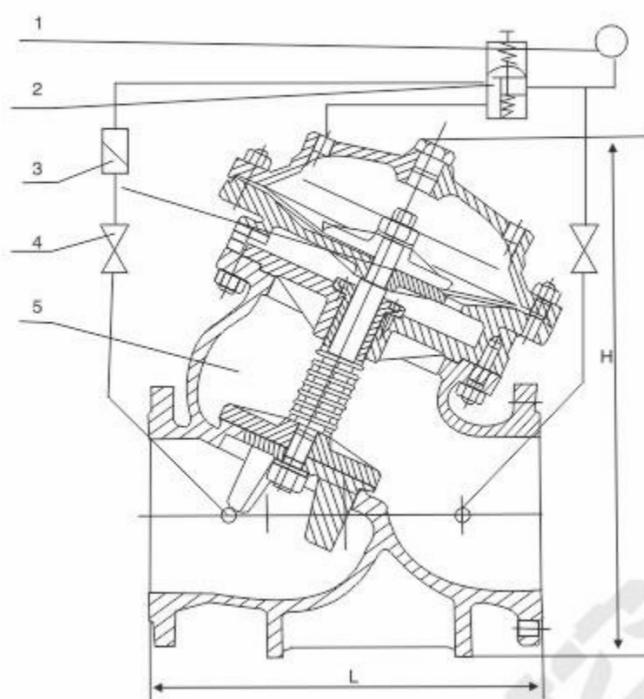
主要技术参数 Main technique parameter

公称压力DN	1.0MPa	1.6MPa	2.5MPa
壳体试验压力 Shell test pressure	1.5MPa	2.4MPa	3.75MPa
密封试验压力 Sealing test pressure	1.1MPa	1.76MPa	2.75MPa
工作温度 Working temperature	≤80℃		
水锤峰值 Peak water hammer	≤1.5倍(工作压力) ≤1.5times (working pressure)		
最低动作压力 Lowest movement pressure	P1 ≥ 0.07MPa		
缓闭时间Slow closed time	3 ~ 120S(可调节Adjustable)		
压力损失Pressure loss	≤0.03MPa (流速Velocity2M/S)		
适用介质Applicable medium	清水、油品Water, oil		

主要外形尺寸 Main external dimension

公称通径DN(mm)	L(mm)	H(mm)
40	240	270
50	240	270
65	270	340
80	300	400
100	350	440
125	400	460
150	480	500
200	500	640
250	605	690
300	700	820
350	800	950
400	900	1150
500	1100	1550
600	1300	1600
700	1400	1750
800	1500	1900

法兰连接尺寸: PN1.0MPa、PN1.6MPa按GB/T 17241.6-1999标准
PN2.5MPa按GB/T 9113.1-2000标准
Flange connecting dimensions: PN1.0MPa, PN1.6MPa by GB / T 17241.6-1999 standard
PN2.5MPa according to GB / T 9113.1-2000 standard



741X

结构及用途

该阀主要分两种型式：隔膜型与活塞型，由主阀5、导阀2、调节阀4、过滤器3、压力表1等组成。用于工矿、企业、高层建筑、消防供排水系统中需要减动压、静压的场合，将较高的上游压力降为符合要求的下游正常使用压力。取代中间水箱，阻力小、流量大、出口压力的调节范围广，可达到阀门前压力的10%~80%。

Structure and use

The valve is divided into two types: diaphragm type and piston type 5 by the main valve, pilot valve 2, valve 4, the filter 3, a pressure gauge and other components. For industrial and mining enterprises, high-rise building, fire water supply and drainage systems need to reduce the dynamic pressure, static pressure of the occasion, the higher the upstream pressure reduced to meet the requirements of the downstream pressure of normal use. Replace the intermediate tank, resistance, flow rate, outlet pressure adjustment range widely, up to pressure before the valve 10% to 80%.

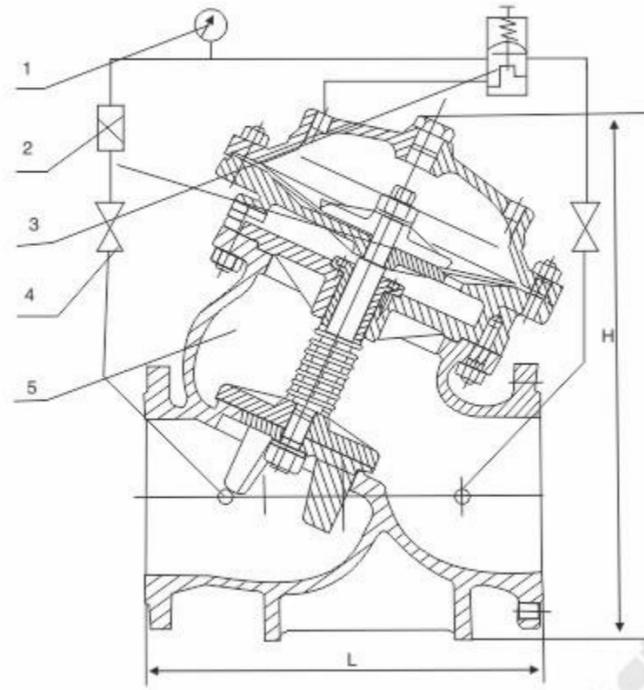
主要技术参数 Main technique parameter

公称压力DN	1.0MPa	1.6MPa	2.5MPa
壳体试验压力 Shell test pressure	1.5MPa	2.4MPa	3.75MPa
密封试验压力 Sealing test pressure	1.1MPa	1.76MPa	2.75MPa
出口压力可调节的范围P2(MPa) The outlet pressure may adjust scope P2(MPa)	0.10 ~ 0.8	0.16 ~ 1.3	0.25 ~ 2.0
工作温度 Working temperature	≤80℃		
适用介质Applicable medium	清水、原水 Water, raw water		

主要外形尺寸 Main external dimension

公称口径DN(mm)	L(mm)	H(mm)
40	240	270
50	240	270
65	270	340
80	300	400
100	350	440
125	400	460
150	480	500
200	500	640
250	605	690
300	700	820
350	800	950
400	900	1150
500	1100	1550
600	1300	1600
700	1400	1750
800	1500	1900

法兰连接尺寸: PN1.0MPa、PN1.6MPa按GB/T 17241.6-1999标准
PN2.5MPa按GB/T 9113.1-2000标准
Flange connecting dimensions: PN1.0MPa, PN1.6MPa by GB / T 17241.6-1999 standard
PN2.5MPa according to GB / T 9113.1-2000 standard



742X

结构及用途

该阀主要分两种型式：隔膜型和活塞型，由主阀5、导阀3、调节阀4、过滤器2、压力表1等组成。用于高层建筑消防测试循环系统泄压时可将给水管中超过导阀安全设定值的压力释放，防止压力急剧增高而损坏管线及设备，并维持管中压力于安全值以下。

Structure and use

This valve mainly divides two patterns: The mutual lack of understanding and the piston, by the main valve 5, pilot valve 3, regulating valve 4, filter 2, and pressure gauges 1 and so on is composed. Circulatory system for high-rise building fire test may give water pressure relief pilot valve in the security settings over the pressure release, the pressure rapidly increased to prevent damage to pipelines and equipment and maintain its pressure on the security value in the following.

主要技术参数 Main technique parameter

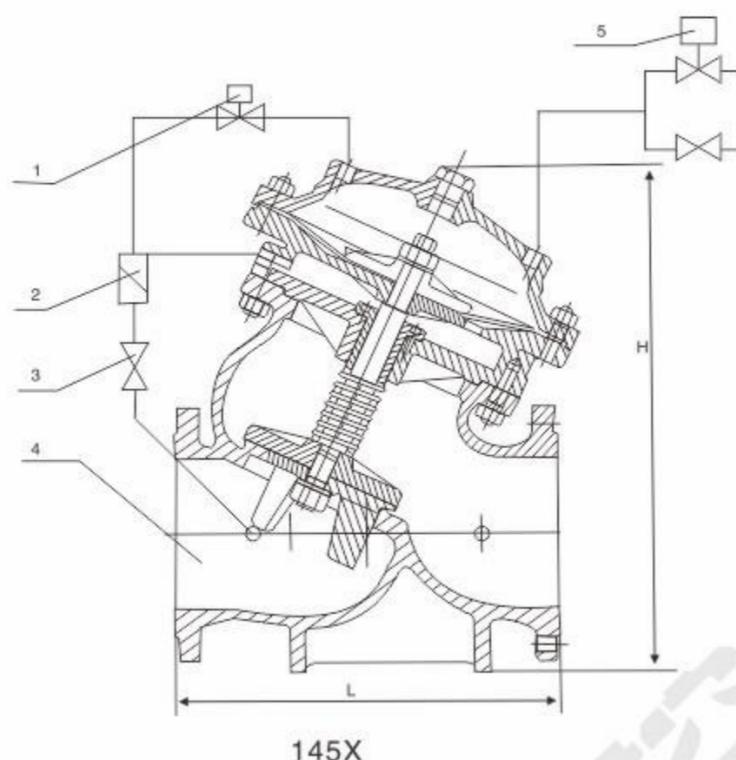
公称压力DN	1.0MPa	1.6MPa	2.5MPa
壳体试验压力 Shell test pressure	1.5MPa	2.4MPa	3.75MPa
密封试验压力 Sealing test pressure	1.1MPa	1.76MPa	2.75MPa
出口压力可调节的范围P2(MPa) The outlet pressure may adjust scope P2(MPa)	0~1.0	0~1.6	0~2.5
工作温度 Working temperature	≤80℃		
适用介质Applicable medium	清水、油品 Water,oil		

主要外形尺寸 Main external dimension

公称口径DN(mm)	L(mm)	H(mm)
40	240	270
50	240	270
65	270	340
80	300	400
100	350	440
125	400	460
150	480	500
200	500	640
250	605	690
300	700	820
350	800	950
400	900	1150
500	1100	1550
600	1300	1600
700	1400	1750
800	1500	1900

法兰连接尺寸：PN1.0MPa、PN1.6MPa按GB/T 17241.6-1999标准
PN2.5MPa按GB/T 9113.1-2000标准

Flange connecting dimensions: PN1.0MPa, PN1.6MPa by GB / T 17241.6-1999 standard
PN2.5MPa according to GB / T 9113.1-2000 standard



145X

结构及用途

该阀主要由主阀4、电磁阀1、5、调节阀3、过滤器2等组成。用于工矿、企业、高层建筑、电站各类给排水系统中，根据电信号或手动操作，使阀门打开或关闭，准确快速的控制反应。关闭速度可调，阀门平稳关闭而不会产生压力波动。采用直通电磁阀控制，维护简单。

Structure and use

Mainly by the main valve of the valve 4, valve 1, 5, 3 valve, filters, etc. 2. Yong Yu mining, enterprise, high-rise buildings, power plants all kinds of water supply and drainage systems, according to electrical signals or manual operation, so that valve open or closed, accurate and fast control response. Closure speed adjustable, but the valve steady closure not the pressurize fluctuation. Uses goes nonstop to the solenoid valve control, maintains simply.

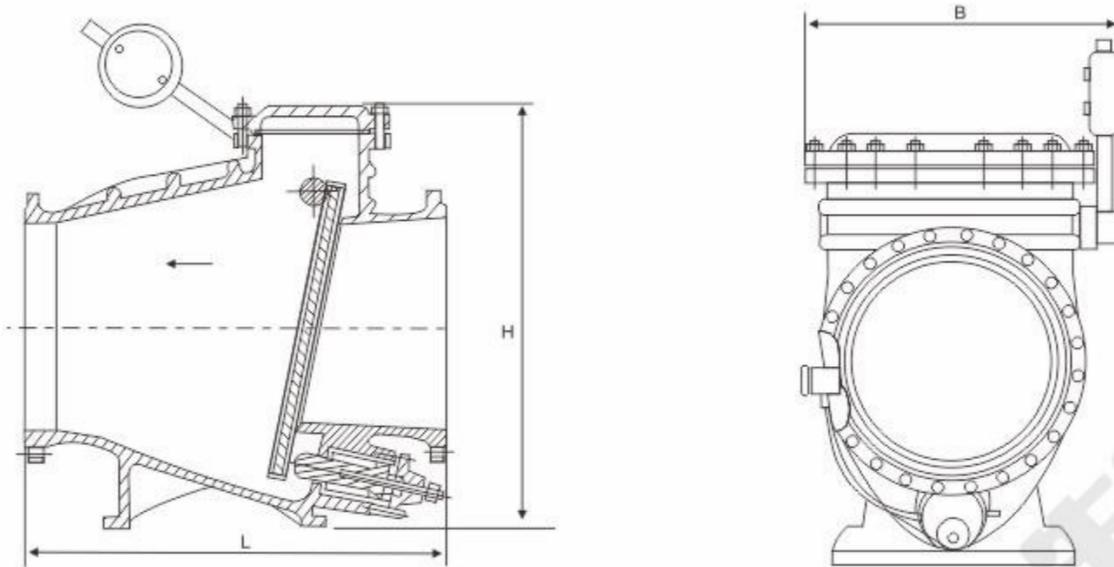
主要技术参数 Main technique parameter

公称压力DN	1.0MPa	1.6MPa	2.5MPa
壳体试验压力 Shell test pressure	1.5MPa	2.4MPa	3.75MPa
密封试验压力 Sealing test pressure	1.1MPa	1.76MPa	2.75MPa
工作温度 Working temperature	≤80℃		
电磁阀电压交流 Electromagnetism valve voltage exchange	220V		
电磁阀电压直流 Electromagnetism valve voltage concurrent	24V		
适用介质 Applicable medium	清水、油品Water, oil		

主要外形尺寸 Main external dimension

公称通径DN(mm)	L(mm)	H(mm)
40	240	270
50	240	270
65	270	340
80	300	400
100	350	440
125	400	460
150	480	500
200	500	640
250	605	690
300	700	820
350	800	950
400	900	1150
500	1100	1550
600	1300	1600
700	1400	1750
800	1500	1900

法兰连接尺寸: PN1.0MPa、PN1.6MPa按GB/T 17241.6-1999标准
PN2.5MPa按GB/T 9113.1-2000标准
Flange connecting dimensions: PN1.0MPa, PN1.6MPa by GB / T 17241.6-1999 standard
PN2.5MPa according to GB / T 9113.1-2000 standard



结构特点

该阀用于给排水管道，安装在水泵出口处用来防止介质逆流和消除破坏性水锤，并能有效地减少阀门关闭水锤压力，可保障管网安全运行。它具有阀瓣轻、开度大、节电效果显著，流体阻力小，水锤消除机构设计新颖，密封性能稳定可靠、耐磨损、使用寿命长、运行平稳、无振动、无噪声等特点。

Structural characteristics

The valves are used to sewer, installed in the pump outlet to prevent the media and the elimination of destructive water hammer counter, and can effectively reduce the water hammer pressure valve closure can ensure the safe operation of a barrier pipe network. It has disc light, opening a large, energy-saving effect is remarkable, fluid resistance, mechanical design to eliminate water hammer novel, stable and reliable sealing performance, wear resistance, long life, smooth running, no vibration, no noise.

主要技术参数Main technique parameter

型号 Model	公称 口径 DN (mm)	公称 压力 PN (Mpa)	试验压力 Test pressure PS(MPa)		最高工 作压力 Maximum working pressure (Mpa)	Working temperature 工作温度	Applicable medium 适用介质
			壳体 Case	密封 Seal			
HH44X ^T _H ¹⁶ ₁₀ ²⁵	50 ~ 800	1.0	1.5	1.1	1.0	< 80℃ (根据 用户 要求 可达Based on user requi rements up to 200℃)	水、弱 腐蚀性 介质 Water and weak corrosive media
KHH44X ^T _H		1.6	2.4	1.76	1.6		
HH44Z/X		2.5	3.75	2.75	2.5		

主要零件材料Main parts material

零件名称 Part name	阀体、阀盖 Body, bonnet	阀瓣Disc	阀轴 Valve shaft
材料Material	灰铸铁、铸钢 Gray cast iron, cast steel	橡胶组合件 Rubber assembly	不锈钢 Stainless steel

主要外形尺寸 (法兰连接尺寸: 按JB/T79-94)
Main external dimensions (flange connection size: According to JB/T79-94)

公称压力 PN	公称通径 DN	尺寸Size (mm)		
		L	H	B
1.0 1.6 2.5	40	200	300	220
	50	230	300	270
	65	290	320	290
	80	310	354	300
	100	350	350	320
	125	400	380	340
	150	480	500	410
	200	500	580	450
	250	600	670	550
	300	700	730	580
	350	800	820	630
	400	900	920	700
	450	1000	950	800
	500	1100	1100	900
	600	1300	1200	990
	700	1400	1550	1120
800	1500	1700	1300	