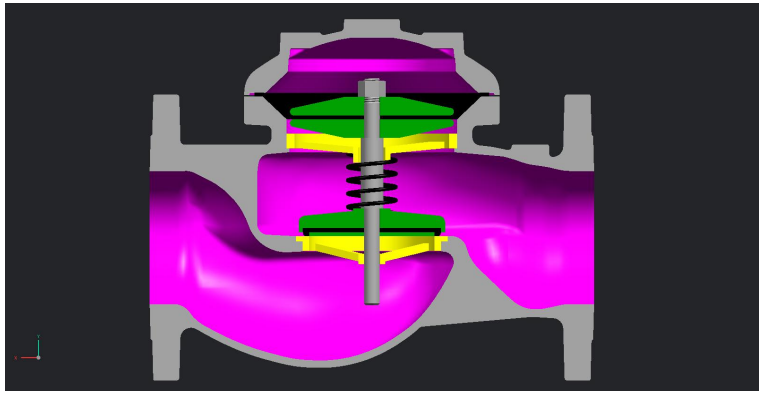
New Type Hydraulic Control Valve



Statement

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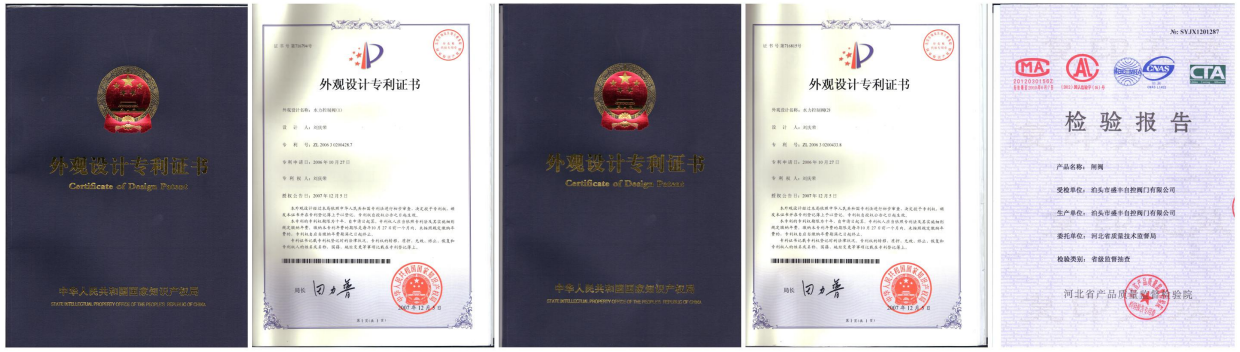


Product instruction:

New automatic hydraulic control valve type valves, by the diaphragm main valve can be divided into two Chambers, the main valve in use process, the diaphragm on the inferior vena are medium pressure, with the main valve cavity on the pilot valve control outside and the pressure difference between the inferior vena, so as to control the diaphragm moves up and down or stopped at a particular location, the purpose of the open close the main valve and regulating.
Various types of hydraulic control valve series valves are controlled by the main valve and pilot valve line or electrical components, such as its main valve structure are exactly the same, just because of the pilot valve configuration and the control line to the different, and produce different functions and USES of the valve.

Characteristics:

1, use the wide streamlined body, such as over-current area design, beautiful appearance smooth, small flow resistance;
2, USES the double support center guide valve cavity, accuracy control, valve core run refreshed, increase the sealing effect.
3, the compression valve height, saving installation control;
4, can be installed isolation valve cavity plate, a double room control function, prevent water hammer gentle close function;
5, according to user need to install the opening indicator.

Material:

1	body	ductile iron	5	plate	ductile iron	9	sealing	ductile iron
2	cap	ductile iron	6	tray	ductile iron	10	seat	stainless steel
3	stem	stainless steel	7	diaphragm	EPDM	11	nut	stainless steel
4	spring	stainless steel	8	Support frame	stainless steel	12	sealing ring	EPDM

Outline dimension:

DNmm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L(mm)	220	230	300	340	350	400	450	550	640	700	800	840	900	1100
W(mm)	165	185	200	220	250	285	340	405	460	520	580	640	715	840
H(mm)	180	200	245	270	310	350	425	510	580	660	770	820	890	1060

SF100X Remote Control Float Control Valve

Principle:

The upper cavity of the main valve is connected with the controlling floating ball valve. the floating ball valve is fixed on the liquid level of the water tank and will be opened, when the liquid level lowers, then the main valve is opened to supply water to the water tank; when then liquid level to the position where the floating ball valve stays at, the said valve is closed and so is the main valve, stopping the water supply.

Characteristics:

The body uses full passage streamline design, of a heavy flow, a good sealing effect, a high liquid level control accuracy, simply maintained, flexible and durable, the water level is not subject to the water pressure disturbance and tightly closed without water leak.

Application:

100X remote control float valve consist of the main valve, needle valve, ball valve, floating ball valve, able to control the liquid level of water tower or pool.

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

SF200X Adjustable pressure reducing Valve

Principle:

Adjust and control the main valve outlet pressure, which will not be changed along with the inlet pressure as well as the variation of the main valve outlet flow. Applicable for living water supply, fire-fighting system and industrial water supply system.

Characteristics:

The valve uses full passage streamline design,of a small fluid resistance and a heavy flow,can reduce either dynamic or static pressure.

Application:

Adjust and control the main valve outlet pressure, which will not be changed along with the inlet pressure as well as the variation of the main valve outlet flow. Applicable for living water supply, fire-fighting system and industrial water supply system.

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	水 water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

SF300X Slow Closing Check Valve

Principle:

After the pump stops, the medium flows reversely, the pressure of the valve upper cavity is bigger than that of the lower cavity to have the disc fall off and closed. while the speed controlling the back-water to enter the diaphragm can adjust the speed for the valve to be closed so as to get to the slow closing effect.

Characteristics:

Able to prevent water hammer and water attack from occurring, getting to the slow closing and silencing effect. As a check valve capable of adjusting and controlling the open-close speed, it can make a best open or close speed on the site.when pump is started or stopped.

Application:

Used for the pump outlet of high buildings or other water supply systems to prevent the medium from back-flow and reduce water hammers so as to get a safe and peaceful effect.

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	水 water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

SF500X Remote Control Float Control

Characteristics:

The body uses full passage streamline design, of a small fluid resistance and a heavy flow.this valve can be used as either a pressure releasing or holding valve.when used as the former,it can release the pressure surpassing the safe value set with the pilot valve and keep the pressure inside of the pipeline below the safe value to prevent system against danger due to an excessively high water pressure;while used as the latter,it can keep the upstream water supply pressure of the main valve over some set value,this is because water supply to the downstream can not be done,unless the upstream is higher than the set value,in order to make sure of he upstream water supply pressure of the main valve.

Application:

This valve is used for the high building fore-fighting system,To prevent the pipeline and equipment damage due to overpressure.

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	水 water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

SF600X Remote Control Float Control

Principle:

The pilot valve comes as a solenoid valve and then the solenoid valve is opened,the upper cavity pressure of the diaphragm will be reduced and the main valve is opened.the solenoid valve is closed and so os the main valve.
There are normal open and normal close two types of solenoid valve.the normally supplied is normal close one. An explosion-proof type solenoid can also be allocated.

Characteristics:

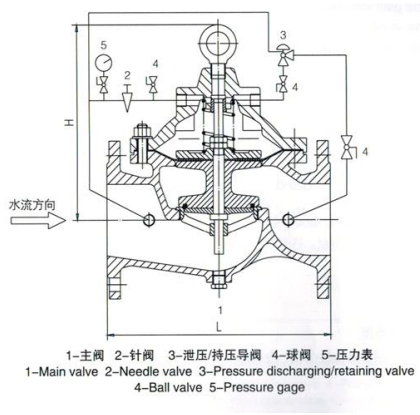
Easy installation and use ,no complicated electric sensing mechanism with the control portion, uneasy to be failed, easily set table. compared with the conventional valves,featuring a small volume, alight weight, a small power, easy repair ,convenient, safe and reliable use.

Application:

This valve is used as an equipment to open and close pipeline and set with a small solenoid valve to control the main valve to open and close can carry out remote and local controls.

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	水 water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

100X Remote Controlled floating Valve



Product introduction:

This series of valve products are widely used for level control of the towers, pool and other facilities, high-rise building, living area and the water-supply systems. The body uses full passage streamline design, of a heavy flow, a good sealing effect, a high liquid level control accuracy, simply maintained, flexible and durable, the water level is not subject to the water pressure disturbance and tightly closed without water leak. The upper cavity of the main valve is connected with the controlling floating ball valve. The floating ball valve is fixed on the liquid level of the water tank and will be opened, when the liquid level lowers, then the main valve is opened to supply water to the water tank; when the liquid level rises to the position where the floating ball valve stays at, the said valve is closed and so is the main valve, stopping the water supply.

Characteristics:

The body uses full passage streamline design, of a heavy flow, a good sealing effect, a high liquid level control accuracy, simply maintained, flexible and durable, the water level is not subject to the water pressure disturbance and tightly closed without water leak.

Principle:

The upper cavity of the main valve is connected with the controlling floating ball valve. the floating ball valve is fixed on the liquid level of the water tank and will be opened, when the liquid level lowers, then the main valve is opened to supply water to the water tank; when then liquid level to the position where the floating ball valve stays at, the said valve is closed and so is the main valve, stopping the water supply.

- ●Heavy fluid resistance, small flow, seriously cavitated, inner diameter of seat ring 60~80%;
- ●Use O-seal ring or a square-pad structure, easy to fall off and turn up, need a bigger sealing force;
- ●No seal with the seat ring noumenon, very easily corroded and, after flushing, unable to be sealed;
- ●Thick and hard diaphragm, without elasticity, low pressure withstanding, need to be replaced often;
- ●Use copper made external pipeline, low strength, easy to be made broken, easy to be lost, the outer surface will be oxidized and become dark after a long time of use.

Materials of major parts:

Name of parts	Material of parts
Body & cap	Ductile iron
Valve seat & valve disc	Brass
Valve stem	Stainless steel
Spring	Stainless steel
Surface	EPOXY
Valve sealing	EPDM/NBR

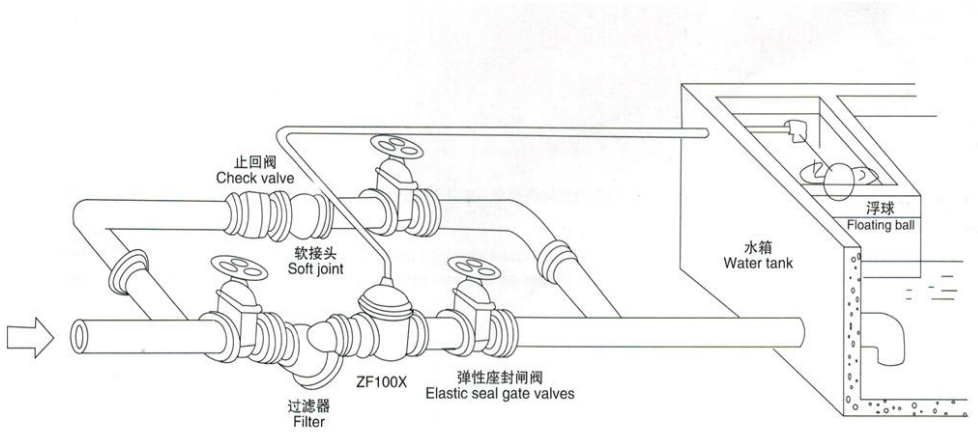
Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

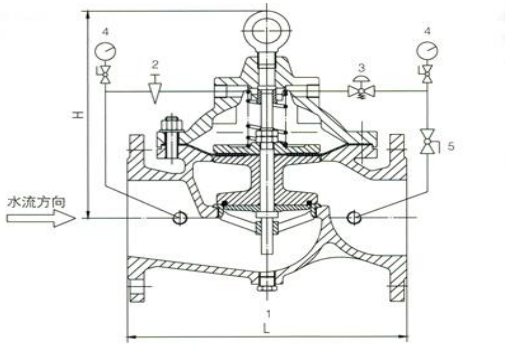
Main size:

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	215	220	250	290	310	360	430	510	595	630	630	780	900	1100
H	225	300	320	420	450	500	710	770	905	970	1000	780	890	1060

Typical installation drawing:



200X Adjustable Pressure Reducing Valve



1-主阀 2-针阀 3-减压导阀 4-压力表 5-球阀
1-Main valve 2-Needle valve 4-Pressure gage 5-Ball valve

Product introduction:

Adjust and control the main valve outlet pressure, which will not be changed along with the inlet pressure as well as the variation of the main valve outlet flow. Applicable for living water supply, fire-fighting system and industrial water supply system.

Characteristics:

The valve uses full passage streamline design, of a small fluid resistance and a heavy flow, can reduce either dynamic or static pressure.

Principle:

The medium enters the lower cavity of the body to push the disc upward and, at the same time, enters the upper cavity of the diaphragm via the external control pipe of the main valve, where the pressure is adjusted by the pilot valve. The pressure difference between the upper cavity of the lower one of the body makes the disc move up and down so as to change the outlet pressure. When the pressure of both are identical, the disc stay at one place and the outlet pressure will be kept unchanged.

Materials of major parts:

Name of parts	Material of parts
Body & cap	Ductile iron
Valve seat & valve disc	Brass
Valve stem	Stainless steel
Spring	Stainless steel
Surface	EPOXY
Valve sealing	EPDM/NBR

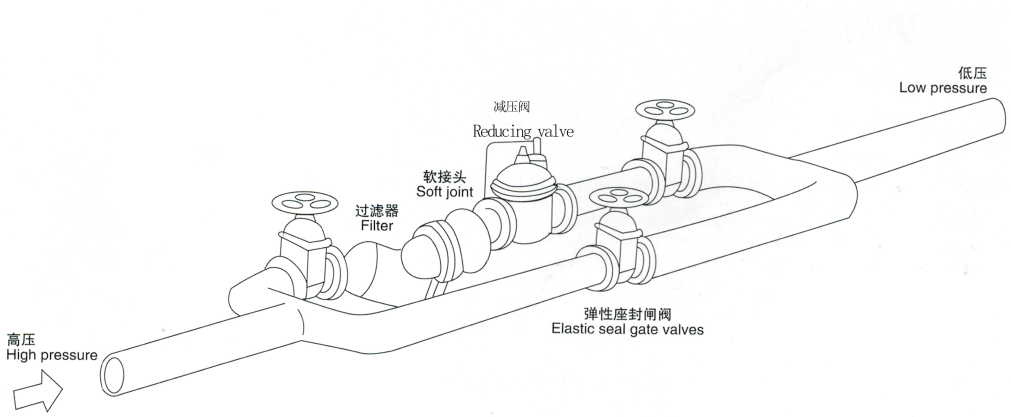
Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

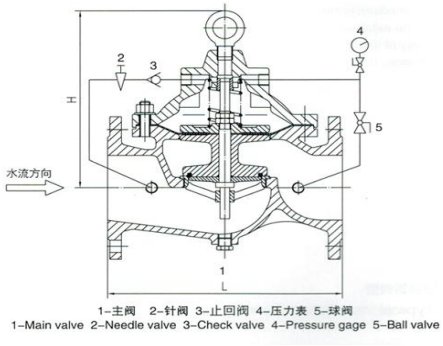
Main size:

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	215	220	250	290	310	360	430	510	595	630	630	780	900	1100
H	225	300	320	420	450	500	710	770	905	970	1000	780	890	1060

Typical installation drawing:



300X Slow Closing One-way Check Valve



Producition Instruction:

Used on the pump outlet of a water supply system to prevent medium's back-flow, water hammer and water shock. It has three functions as an electric valve, check valve and water hammer remover. It is capable of improving the safety and reliability of the water supply system effectively through integrating the technical principle of slow-open, speed valve, slow-close, and removing water hammer and preventing of both pump-starting and pump-stopping water hammer. The gate can carry out open-close automatically upon the operation rules of the water pump just by operating the pump to open or close electrically. 300X Slow-Closing Check Valves features by the big flow and small pressure loss, reliable sealing performance, easy installation, debugging and maintenance and long duration.

Characteristics:

Able to prevent water hammer and water attack from occurring, getting to the slow closing and silencing effect. As a check valve capable of adjusting and controlling the open-close speed, it can make a best open or close speed on the site, when pump is started or stopped.

Principle:

After the pump stops, the medium flows reversely, the pressure of the valve upper cavity is bigger than that of the lower cavity to have the disc fall off and closed. while the speed controlling the back-water to enter the diaphragm can adjust the speed for the valve to be closed so as to get to the slow closing effect.

Materials of major parts:

Name of parts	Material of parts
Body & cap	Ductile iron
Valve seat & valve disc	Brass
Valve stem	Stainless steel
Spring	Stainless steel
Surface	EPOXY
Valve sealing	EPDM/NBR

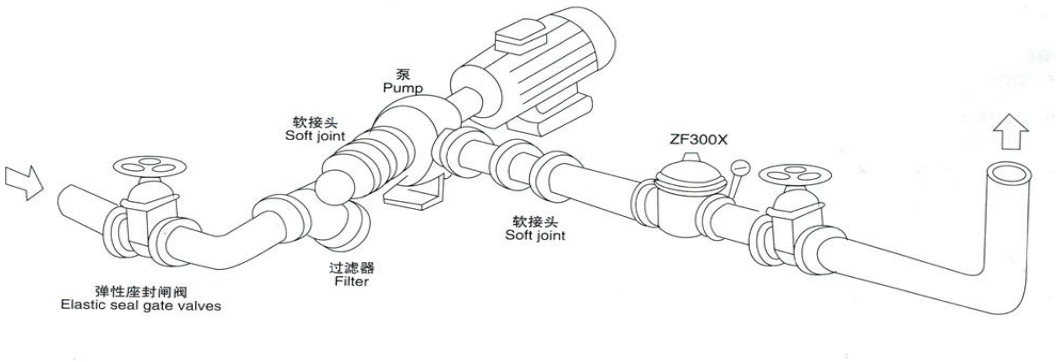
Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

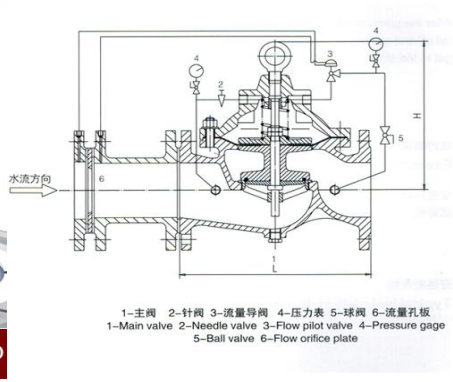
Main size:

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	215	220	250	290	310	360	430	510	595	630	630	780	900	1100
H	225	300	320	420	450	500	710	770	905	970	1000	780	890	1060

Typical installation drawing:



400X flow control valve



Structure And Purpose:

400X Flow Control Valve is uses for its high accuracy pilot operated flow control and is suitable for flow and pressure control of the pipeline to keep the flow preset unchanged, limit an extra-big flow at the preset value and properly lower the high pressure on the upstream, the flow at the downstream will not be affected by the pressure changing of the main valve at the upstream. It changes the principle of a throttle valve to reduce the basin area purely mechanically or by way of using orifices and utilizing the related pilot valve to reduce the energy loss during throttling to the utmost extent. And it features by sensitive control, safety, reliability, easy debugging and long duration

Purpose:

This valve is set on the water distribution pipeline where flow control is required to keep the preset flow unchanged,limit an excessive flow within a preset value and reduce the upstream high pressure to a downstream low one,thus making the valve downstream flow uninfluenced,even if the main valve upstream pressure varies.

Characteristics:

Easy installation and use,no complicated electric sensing mechanism with the control portion,uneasy to be failed ,easily set table,automatically finishing adjustment,without need of manmade operation or other power source.

Principle:

The pilot valve of this valve gets the pressure difference signal from the orifice to control open-close of the main valve.when the pipeline flow is bigger than the set one,the openness of the main valve will become smaller to have the flow reset to the original set one and the disc stable without moving.

Materials of major parts:

Name of parts	Material of parts
Body & cap	Ductile iron
Valve seat & valve disc	Brass
Valve stem	Stainless steel
Spring	Stainless steel
Surface	EPOXY
Valve sealing	EPDM/NBR

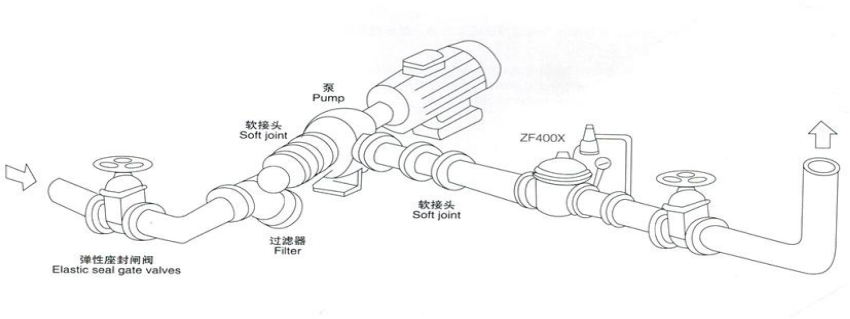
Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

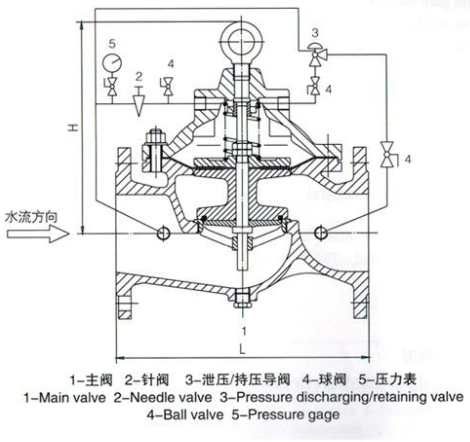
Main size:

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	215	220	250	290	310	360	430	510	595	630	630	780	900	1100
H	225	300	320	420	450	500	710	770	905	970	1000	780	890	1060

Typical installation drawing:



500X Holding Pressure /Relief Pressure Valve



Structure And Purpose:

500X Pressure Discharge & Sustain Valve is used in the pipeline system to prevent of surpassing pressure or to keep the pressure of it, to reduce the water hammer’ s shock after the pump is closed and also used as a water hammer remover in the large water supply system. A self cleaning filter screen is placed on the inlet of the valve’ s control system, which stops the suspension grains of the bigger specific gravity and diameter from going into the system by means of the bigger specific gravity of the fluid to ensure the main valve’ s water supply pressure at the upstream at the set value, and to get the system circulated smoothly without any resistance. This valve features by sensitive open-close, safety, reliability, stable motion and long duration.

Characteristics:

The body uses full passage streamline design, of a small fluid resistance and a heavy flow.this valve can be used as either a pressure releasing or holding valve.when used as the former,it can release the pressure surpassing the safe value set with the pilot valve and keep the pressure inside of the pipeline below the safe value to prevent system against danger due to an excessively high water pressure;while used as the latter,it can keep the upstream water supply pressure of the main valve over some set value,this is because water supply to the downstream can not be done,unless the upstream is higher than the set value,in order to make sure of he upstream water supply pressure of the main valve.

Principle:

The inlet side of the main valve is connected to the pilot valve via a control pipe.when the pressure on the said side is over the one set with the pilot valve,the pilot valve is opened to release the pressure in the upper cavity of the diaphragm and the main valve disc is opened accordingly.when the pressure of the main valve is released to the set one,the pilot valve is closed,so does the main valve.

Materials of major parts:

Name of parts	Material of parts
Body & cap	Ductile iron
Valve seat & valve disc	Brass
Valve stem	Stainless steel
Spring	Stainless steel
Surface	EPOXY
Valve sealing	EPDM/NBR

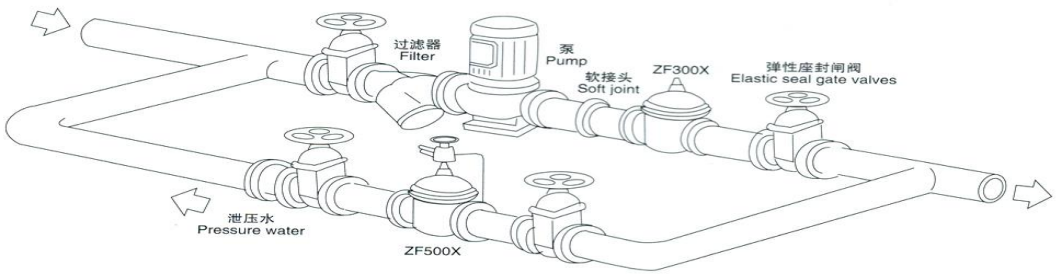
Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

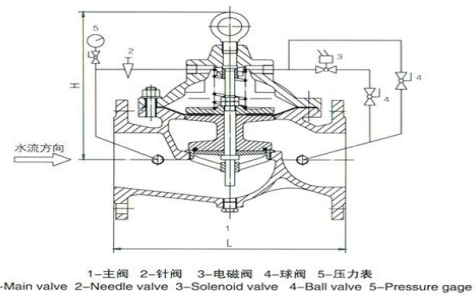
Main size:

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	215	220	250	290	310	360	430	510	595	630	630	780	900	1100
H	225	300	320	420	450	500	710	770	905	970	1000	780	890	1060

Typical installation drawing:



600X Solenoid Control Valve



Purpose:

This valve is used as an equipment to open and close pipeline and set with a small solenoid valve to control the main valve to open and close can carry out remote and local controls.

Characteristics：

Easy installation and use ,no complicated electric sensing mechanism with the control portion, uneasy to be failed, easily set table. compared with the conventional valves,featuring a small volume, alight weight, a small power, easy repair ,convenient, safe and reliable use.

Principle:

The pilot valve comes as a solenoid valve and then the solenoid valve is opened,the upper cavity pressure of the diaphragm will be reduced and the main valve is opened.the solenoid valve is closed and so os the main valve.

There are normal open and normal close two types of solenoid valve.the normally supplied is normal close one. An explosion-proof type solenoid can also be allocated.

Materials of major parts:

Name of parts	Material of parts
Body & cap	Ductile iron
Valve seat & valve disc	Brass
Valve stem	Stainless steel
Spring	Stainless steel
Surface	EPOXY
Valve sealing	EPDM/NBR

Performance specification:

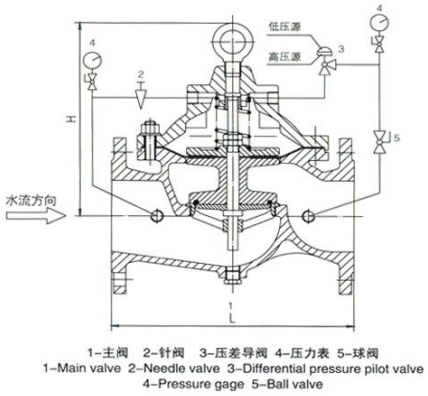
Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

Main size:

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	215	220	250	290	310	360	430	510	595	630	630	780	900	1100
H	225	300	320	420	450	500	710	770	905	970	1000	780	890	1060

Typical installation drawing:

800X pressure differential by-pass valve



Purpose:

Mainly applied in the air-conditioning system to keep the pressure difference between the water pipeline so as to enhance the systematic efficacy and guarantee safety.

Characteristics:

Easily installed and debugged,once being well debugged,automatic control can be done at once.both valve sensor and complicated driving and executing mechanisms are omitted,making the repair easier and any fault uneasily occurring.

Principle:

The two control pipes of the pilot valve are linked to the high pressure source (water supply pipe) and the low pressure one(back-water pipe) separately and,when the high and low pressure difference is over the set value,the pilot valve is opened and the main valve is followed to open,some water flows back to the back-water pipe directly via ZF800X. When the said pressure difference gets reset,ZF800X will be closed automatically.

Materials of major parts:

Name of parts	Material of parts
Body & cap	Ductile iron
Valve seat & valve disc	Brass
Valve stem	Stainless steel
Spring	Stainless steel
Surface	EPOXY
Valve sealing	EPDM/NBR

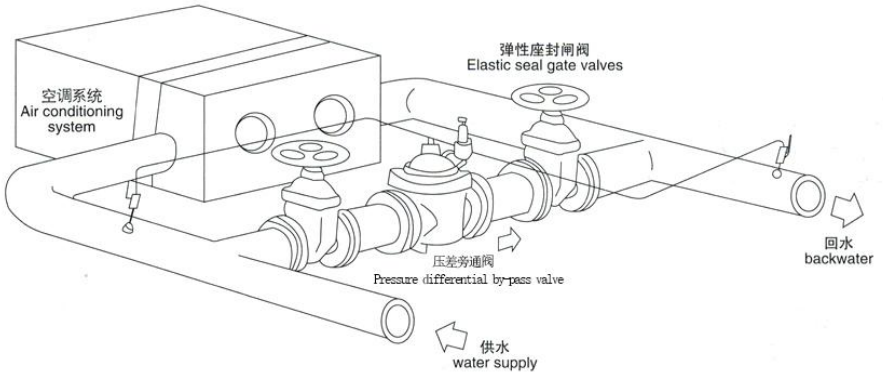
Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

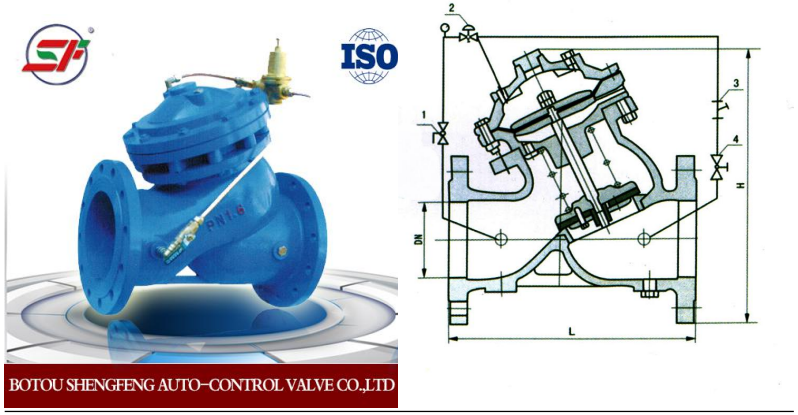
Main size:

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	215	220	250	290	310	360	430	510	595	630	630	780	900	1100
H	225	300	320	420	450	500	710	770	905	970	1000	780	890	1060

Typical installation drawing:



YX741X Adjustable pressure reducing valve



Purpose:

YX741X adjustable relief valve installed in water supply and drainage, construction, petroleum, chemical, gas (gas), food, medicine, power stations, nuclear power, in areas such as management will be higher upstream pressure to conform to the requirements of the low pressure normal use.

Characteristics:

1. To reduce the effect is reliable, outlet pressure is not affected by the influence of inlet pressure and flow rate and can reduce dynamic pressure, can reduce static pressure again.
2. The adjustment is easy to operate, need to adjust the guide valve adjusting screw, can obtain accurate and stable pressure.
3. The energy saving effect is good, with half a straight port, wide body and wait until the flow cross-sectional area design, resistance losses small.
4. The key parts adopt special material, basic need not maintain.

Materials of major parts:

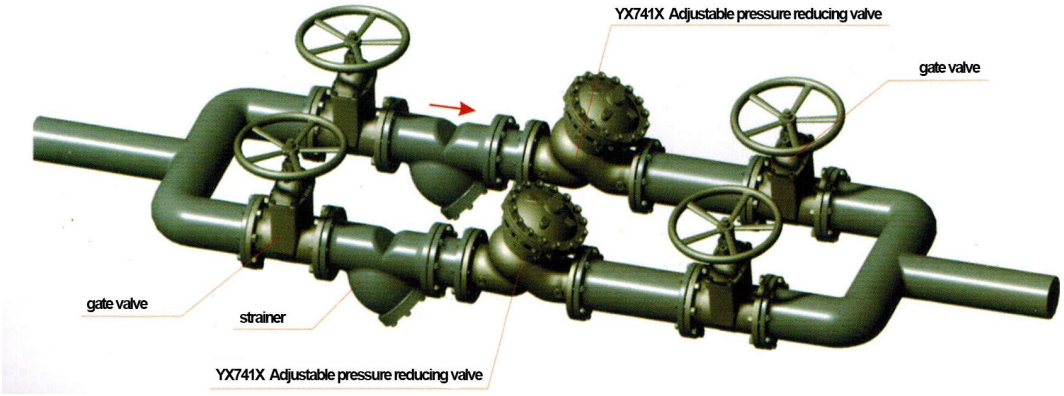
Name of parts	Material of parts
Body & cap	Ductile iron
Valve seat & valve disc	Brass
Valve stem	Stainless steel
Spring	Stainless steel
Surface	EPOXY
Valve sealing	EPDM/NBR

Performance specification:

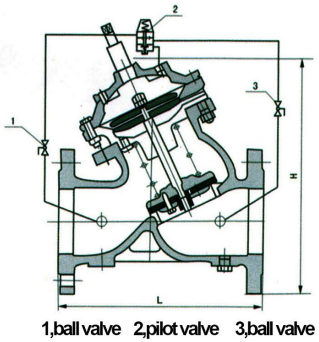
Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

Main size:

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	235	255	275	325	325	405	490	585	665		695	740	810	895
H	225	300	320	420	450	500	710	770	905	970	1000	780	890	1060


YX741X Adjustable pressure reducing valve
gate valve
gate valve
strainer
YX741X Adjustable pressure reducing valve

AX742 safety relief valve



Purpose:

The main hydraulic control valve is installed in water supply and drainage, construction, steel, metallurgy, petroleum, chemical, gas (gas), food, in areas such as hospitals, power stations, nuclear power line, the higher upstream pressure to conform to the requirements of the normal use of downstream pressure.

Characteristics:

1. Remain the safe and stable pressure accurately, once over pressure, pressure relief valve is fully opened in a timely manner.
2. The closing speed is adjustable, eliminate pressure fluctuation.
3. Diaphragm actuator to minimise operating hysteresis.
4. It can be installed in any position, do not need to change the pressure setting or removed from the maintenance and inspection.

Materials of major parts:

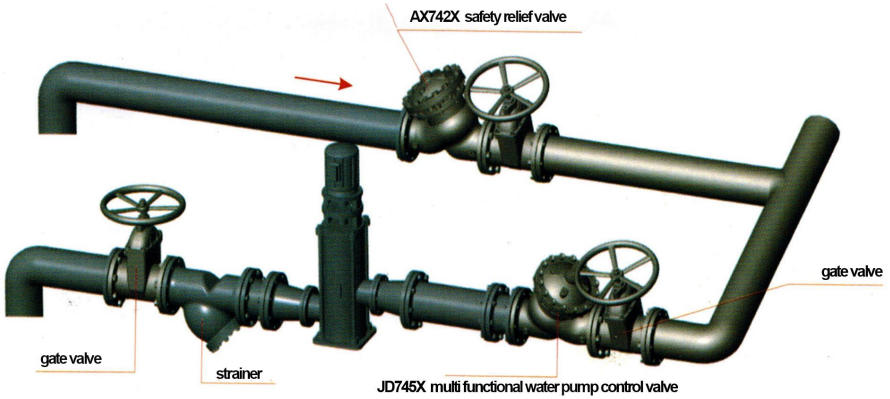
Name of parts	Material of parts
Body & cap	Ductile iron
Valve seat & valve disc	Brass
Valve stem	Stainless steel
Spring	Stainless steel
Surface	EPOXY
Valve sealing	EPDM/NBR

Performance specification:

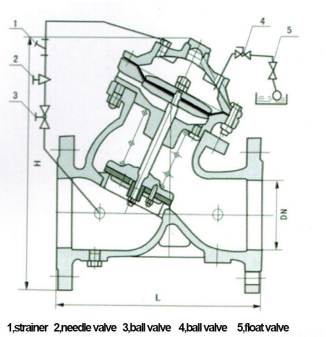
Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

Main size:

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	235	255	275	325	325	405	490	585	665		695	740	810	895
H	225	300	320	420	450	500	710	770	905	970	1000	780	890	1060


AX742X safety relief valve
gate valve
gate valve
strainer
JD745X multi functional water pump control valve

F745X remote control float valve



Purpose:

The Valve installed on the water supply and drainage, construction, petroleum, chemical, gas (gas), food, medicine, power stations, nuclear power in areas such as tank, water tower in the inlet pipe road,.When the pool water reached a pre-set level, the valve automatically shut down; Open valve automatic filling water when water levels fall.

Characteristics:

1. Close tightly and reliable: use the soft and hard dual seal valve plate seal, using the hydraulic control principle to close the valve plate force is proportional to the feed water pressure, seal high reliability.
2. Too large flow: using a linear flow, wide body and over-current sectional area such as design, small resistance of the valve.
3. Safety: closing speed is adjustable, valve movements smooth, opening and closing does not produce pressure fluctuations, no GuanZhenHe noise.
4. The use of easy maintenance: main body can be installed outside the tank, debug test is convenient, simple maintenance.

Materials of major parts:

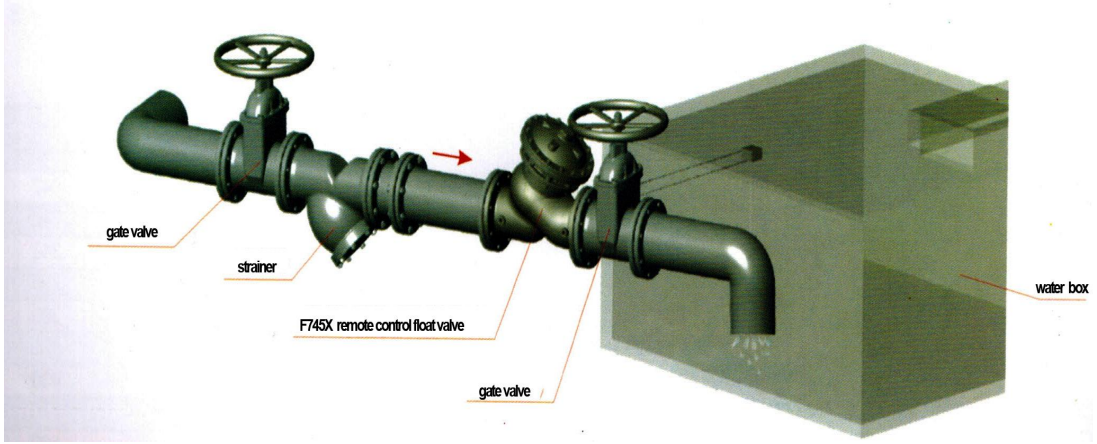
Name of parts	Material of parts
Body & cap	Ductile iron
Valve seat & valve disc	Brass
Valve stem	Stainless steel
Spring	Stainless steel
Surface	EPOXY
Valve sealing	EPDM/NBR

Performance specification:

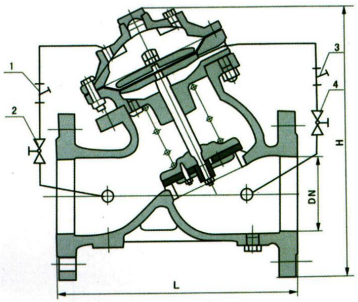
Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

Main size:

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	235	255	275	325	325	405	490	585	665		695	740	810	895
H	225	300	320	420	450	500	710	770	905	970	1000	780	890	1060


gate valve
strainer
F745X remote control float valve
gate valve
water box

JD745X Multi functional water pump control valve



Purpose:

Installed at the municipal, construction, steel, metallurgy, petroleum, chemical, gas (gas), food, hospital, power stations, nuclear power in areas such as water, water, diving, sewage pump room and fluid conveying system in the petroleum, chemical industry, electric valve, check valve and water hammer eliminator three equipment functions into an organic whole, can effectively improve the system safety and reliability, meet the requirements of automatic control system.

Characteristics:

1.High safety and reliability. Cavity has quick closing, slowly-closing and three kinds of measures to eliminate water hammer, and fully interlock, won't produce false action.

2. No operational control. When the pump stops, skillfully using the medium at the ends of the valve and the pressure difference as driving medium and control of the power, make the valve automatically according to the requirements of the water pump operation procedures.

3. No professional debugging. Valve action is not affected by water pressure and liquid level height difference and the influence of water pump flow change, to adapt to the range.

4. Basic no need maintenance, long service life.

5. The energy saving effect is obvious. Using the import side pressure into the inferior vena to support the weight of the diaphragm pressure plate and the valve stem, resistance losses small.

Materials of major parts:

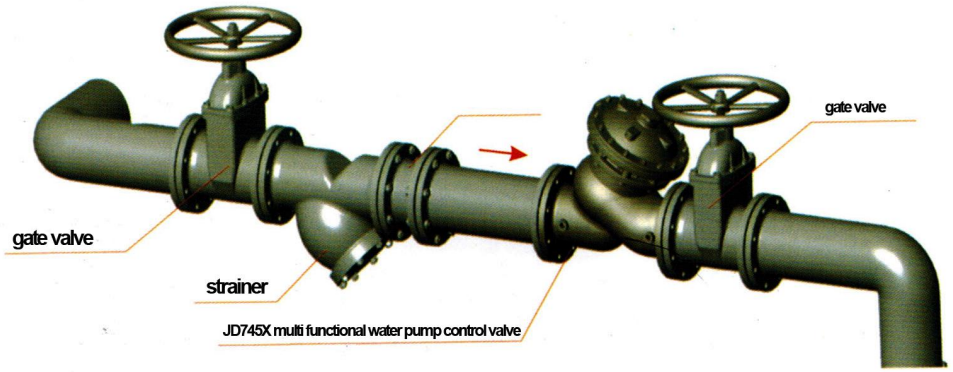
Name of parts	Material of parts
Body & cap	Ductile iron
Valve seat & valve disc	Brass
Valve stem	Stainless steel
Spring	Stainless steel
Surface	EPOXY
Valve sealing	EPDM/NBR

Performance specification:

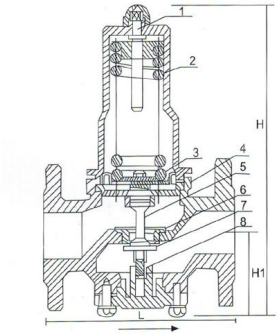
Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

Main size:

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	235	255	275	325	325	405	490	585	665		695	740	810	895
H	225	300	320	420	450	500	710	770	905	970	1000	780	890	1060



Y416/Y110 reduce pressure regulator valve



Product Presentation:

Djustable pressure reducing valve using the valve pressure feedback mechanism. Both the reduction in the work of the dynamic pressure minus the static pressure can be installed horizontally, can also be mounted vertically in high-rise buildings in hot and cold water supply system can replace the partition in the partition in the water supply tank widely used in the pressure tank and frequency pump water supply system is to solve the high-rise buildings at the bottom of the water supply pressure is too large the ideal product to install this valve simplifies the water supply system equipment, reduce the project cost (the lower the price of the valve), the product by the replacement of some of the parts can be used in other occasions required decompression in the industrial production, such as compressed air, steam, oil, etc.

Materials of major parts:

NO.	Name of parts	Material of parts
1	Stem	Brass
2	Spring	Stainless steel
3	Diaphragm	EPDM/NBR
4	Body	Ductile iron
5	Valve plug	Iron/brass
6	Valve seat	brass
7	Disc	Brass
8	Nut	Stainless steel

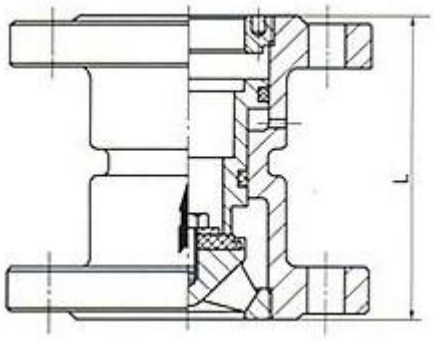
Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

Main size:

DN	15	20	25	32	40	50	65	80	100	125	150
L	100	100	120	150	150	180	280	310	350	520	520
H	215	215	228	228	230	320	450	523	546	823	823
H1	52	52	55	56	56	56	140	150	170	235	235

Proportional pressure reducing valve



Product Presentation:

This series valve can be used for the production and living water supply, sire-fighting water supply, high building water pipeline systems where the pressure reduction is required. Small volume, simple structure, reliable movement, can reduce either static or dynamic pressure; accurate reduction ratio.

Performance specification:

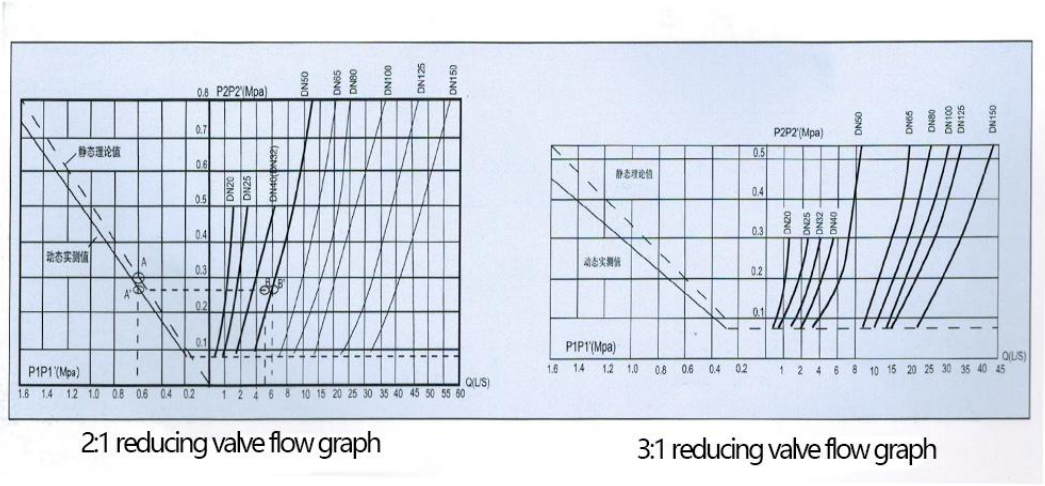
Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

Main size:

DN	L (mm)	D(mm)	Working pressure	Connection	Working temperature	Scale
15	75	43	1.0Mpa	Thread	＜200℃	2：1 3：1 3：2 4：3
20	85	53				
25	95	75				
32	120	87				
40	130	87				
50	140	87				
50	132	165	1.6Mpa	Flange		
65	140	185				
80	155	200				
100	200	220				
125	230	285				
150	230	285				
200	260	343				

Main parts material:

Name of part	Material
Body\piston	Cooper alloy
Sealing ring, gasket	EPDM



2:1 reducing valve flow graph

3:1 reducing valve flow graph

SZ45X/RVHX non-rising stem resilient seated gate valve

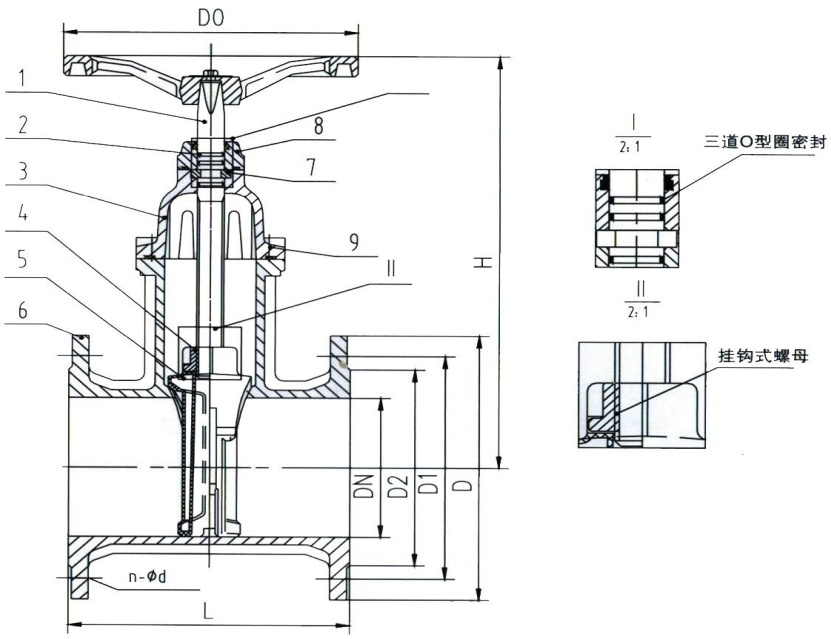
Product introduction:

The valves disc is rubber-packed to get excellent sealing effect by the rubber's resilient deformation. Non-rising resilient seated gate valves solve the problem in general gate valves such as leakage, rusting etc. and saves installation space. It is used widely in tap water industry, sewage treatment, shipping construction, petroleum, chemicals, food, pharmacy, textile, electric power, metallurgy and energy system's pipeline to adjust and shut off fluids.

Characteristics:

1. The seal is designed with dustproof ring plus three “O”-seal ring, reliable sealing, on-line replaceable.
2. Both gate and aluminum bronze bearing are in in aid design good self lubrication, high strength and can have the aluminum bronze bearing replaced without need to replace the gate integrally, after a long time use.
3. Rubber wrapped gate anti-corrosion, good tightness.
4. Advanced surface treatment, coated with non-toxic epoxy resign static powder, anti-corrosion, pollution-free, can be used drinking water pipeline.
5. The body is designed without gate slot, the smooth passage will not get impurities filling up , more applicable for sewage working condition.
6. The integral seal works raliably. For the high pressure seal, leaving zero leakage under1.5 times nominal pressure and ,for the low pressure one ,under 0.02Mpa.

Materials of major parts:



No.	part	material
1	Body	Ductile cast iron
2	Disc	Ductile cast iron packed with NBR
3	Bolt	CS SS
4	Gasket	EPDM NBR
5	Cover	ductile cast iron
6	Stem	stainless steel
7	O-ring	EPDM Silicone
8	Thrust bearing	Brass
9	Bolt	CS SS
10	Gland	ductile cast iron
11	Dust proof gasket	EPDM/NBR
12	Hand wheel	Ductile cast iron

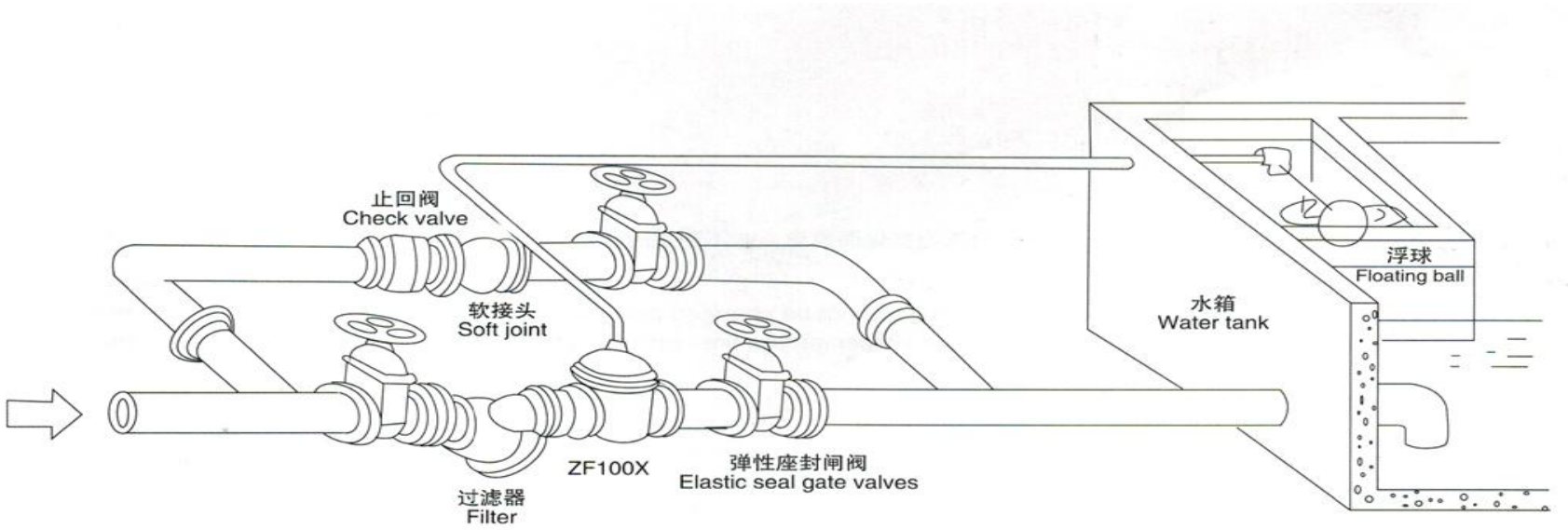
Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

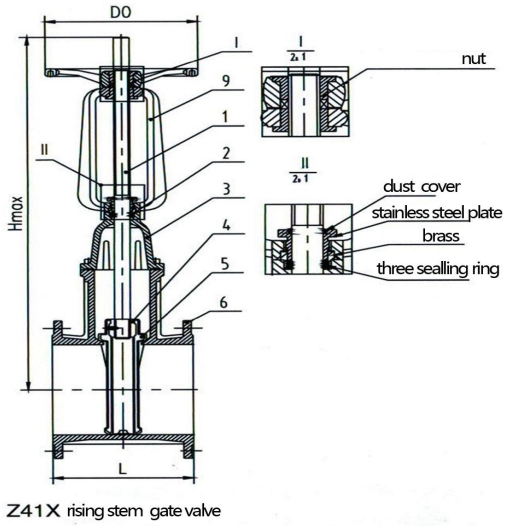
Main size:

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

Typical installation drawing:



SZ41X/RVHX rising stem resilient seated gate valve



Product introduction:

The valves disc is rubber-packed to get excellent sealing effect by the rubber's resilient deformation. Non-rising resilient seated gate valves solve the problem in general gate valves such as leakage, rusting etc. and saves installation space. It is used widely in tap water industry, sewage treatment, shipping construction, petroleum, chemicals, food, pharmacy, textile, electric power, metallurgy and energy system's pipeline to adjust and shut off fluids.

Characteristics:

1. The seal is designed with dustproof ring plus three “O”-seal ring, reliable sealing, on-line replaceable.
2. Both gate and aluminum bronze bearing are in in aid design good self lubrication, high strength and can have the aluminum bronze bearing replaced without need to replace the gate integrally, after a long time use.
3. Rubber wrapped gate anti-corrosion, good tightness.
4. Advanced surface treatment, coated with non-toxic epoxy resign static powder, anti-corrosion, pollution-free, can be used drinking water pipeline.
5. The body is designed without gate slot, the smooth passage will not get impurities filling up , more applicable for sewage working condition.
6. The integral seal works raliably. For the high pressure seal, leaving zero leakage under1.5 times nominal pressure and ,for the low pressure one ,under 0.02Mpa.

Materials of major parts:

No.	Part name	Material	
1	Stem	Stainless steel	
2	Oring	Nitrlie rubber	
3	Cover	Nodular cast iron	PN2.5 Cast steel
4	Stem nut	Copper alloy	
5	Fashboard	Ductile iron package nitrile rubber	
6	Body	Nodular cast iron	PN2.5 Cast steel
7	Split ring	Copper alloy	
8	Gland	Copper alloy/Nodular cast iron	
9	Holder	Nodular cast iron	

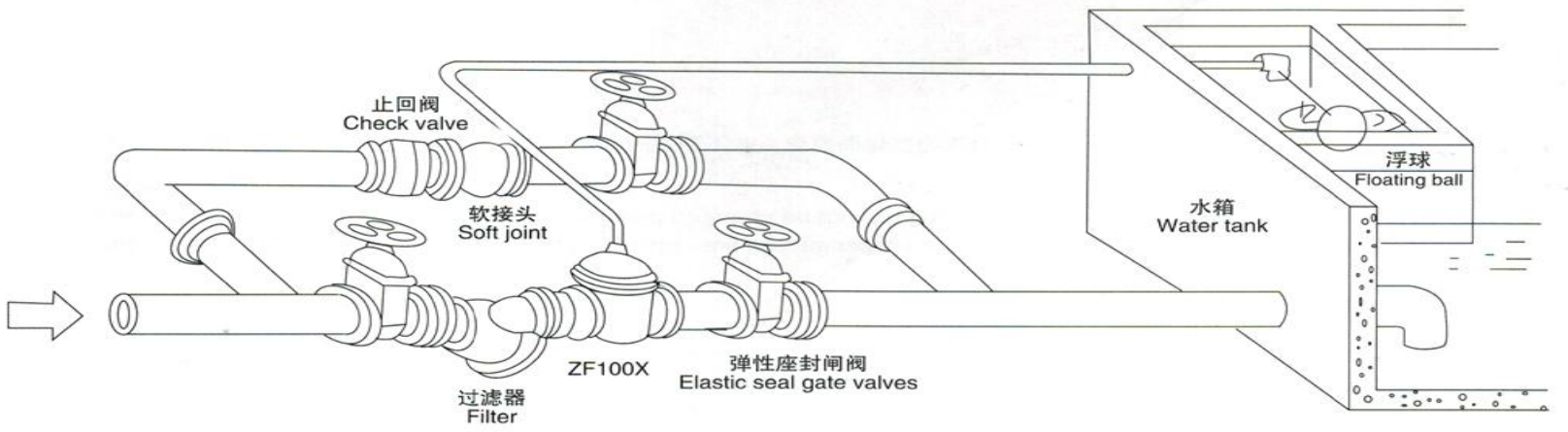
Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

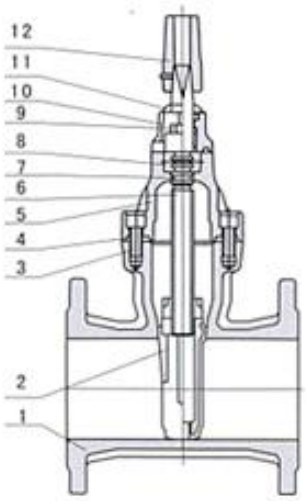
Main size:

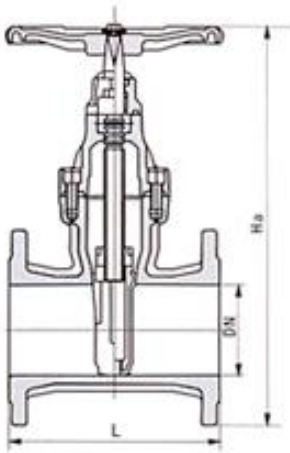
DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
H (min)(full close)	313	332	372	424	497	562	680	837	948	1010	1220	1280	1480	1665
H (max)(full open)	355	375	415	476	540	600	720	875	990	1050	1245	1310	1560	1750

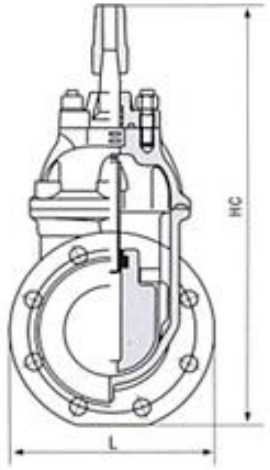
Typical installation drawing:



SZ45X/RVHX underground resilient seated gate valve







Product introduction:

This valve installed on all kinds of underground pipelines, used as a two-way closed-circuit devices. Widely used in tap water, sewage treatment and other industries.

Characteristics:

Gate buried type technology, not to need to do well, reduced the scope of installation construction and embedment depth is adjustable.

Long service life, no leakage, possesses the advantages of spring brake.

Low does not affect traffic, safe and reliable, it is an organic whole repeatedly with the underground part, to prevent theft.

Stem section telescopic structure unique, effectively prevent the influence of surface subsidence of the valve.

Materials of major parts:

No.	part	material
1	Body	Ductile cast iron
2	Disc	Ductile cast iron packed with NBR
3	Bolt	CS SS
4	Gasket	EPDM NBR
5	Cover	ductile cast iron
6	Stem	stainless steel
7	O-ring	EPDM Silicone
8	Thrust bearing	Brass
9	Bolt	CS SS
10	Gland	ductile cast iron
11	Dust proof gasket	EPDM/NBR
12	Hand wheel	Ductile cast iron

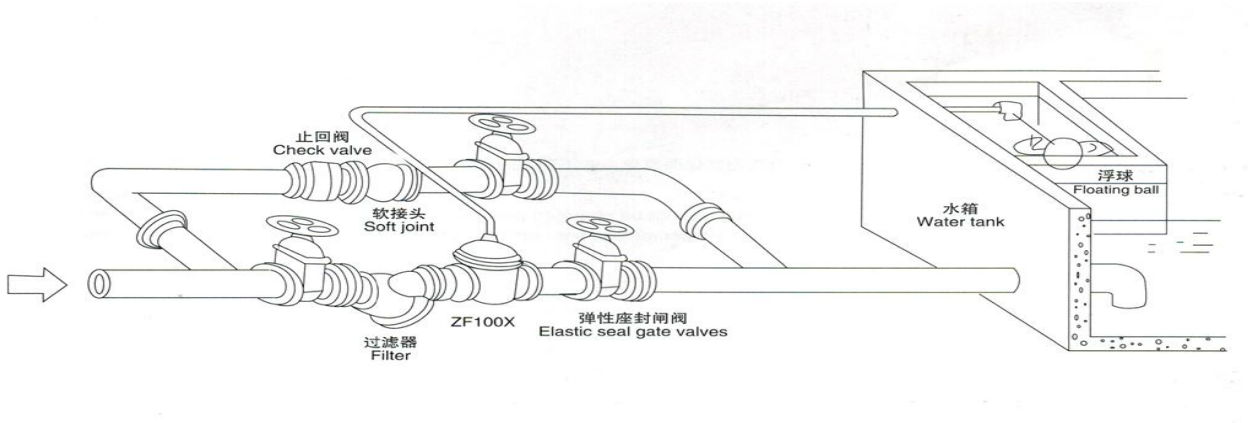
Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

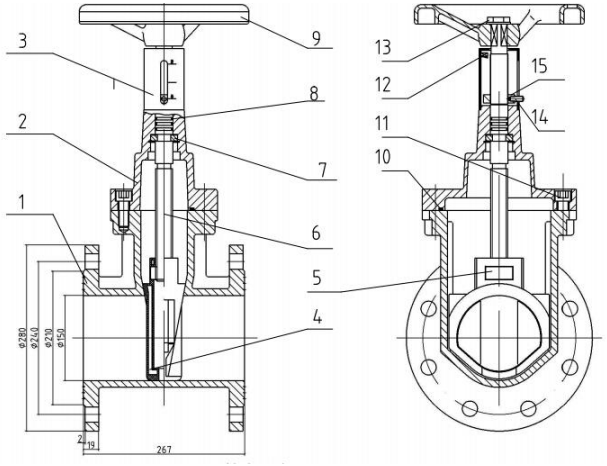
Main size:

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

Typical installation drawing:



XZ45X signal resilient-seated gate valve



Product introduction:

Signal gate valves and signal butterfly valves are used in automatic spraying water pipeline in fire protection system to monitor the water supply pipeline and indicate the valve’s opening at a long distance. Rising stem gate valves and opening indicator gate valves are often used in fire protection system, and if the installation position is high to the ground, rising stem gate valves is used and can show the valve’s opening clearly while if the installation position is low, opening indicator gate valves is used.

Characteristics:

Gate buried type technology, not to need to do well, reduced the scope of installation construction and embedment depth is adjustable.

Long service life, no leakage, possesses the advantages of spring brake.

Low does not affect traffic, safe and reliable, it is an organic whole repeatedly with the underground part, to prevent theft.

Stem section telescopic structure unique, effectively prevent the influence of surface subsidence of the valve.

Mocro-switch working parameters:

Technical characteristics	Characteristic parameters
nominal voltage	24V,DC/AC all can
maximum working voltage	220V
rated current	5A
contact resistance	≤1MΩ
insulation resistance	≥5MΩ（DC500V)
working environment temperature	-10~85℃（ do not freeze)
work environment humidity	85%RH

Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

Main size:

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

Directly buried extension rod elastic seal gate valve

Purpose:

- This valve is mounted on various underground pipeline and used as a bi-way installation for tap water, sewage treatment etc.

Characteristics:

- Directly buried technique, no need of a gate well, reducing the laboring for installation and construction and the buried depth can be adjusted.
- Long life, without internal leak, of the merits with an elastic gate valve,
- No affection to the traffic, safe and reliable, integrated with the underground portion, effectively protected against robbing.

Main parts material:

Part name	Material
Body	Ductile iron
Fashboard	Ductile iron +EPDM
Cover	Ductile iron
Gland	Ductile iron
Stem	2Cr13
Pressure cover	High density PE
Connection pivot	45#(Surface is plated with zinc-nickel alloy)
Lower pillar	PE
Protective sleeve of pillar	High density PE
Bushing	Q235(Surface is plated with zinc-nickel alloy)
Shaft sleeve/pivot	45#(Surface is plated with zinc-nickel alloy)
Case /case cover	Ductile iron

Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

Z945X electric resilient seated gate valve

Product instruction:

Our company seal of the elastic base seat of the electric gate, can according to user requirements with all kinds of electric actuator (domestic, import, various protection, explosion-proof grade). Can realize the scene also can remote control operation. Can be electric, can also be manually.

If the customer has no special requirements, general equipped with domestic actuators. If user with supporting electric cabinet, when ordering, please indicate.

The elastic base seat electric seal gate valves in addition to the electric actuator, other components and non-rising stem type is exactly the same.

Performance specification:

1, power of motor for three-phase ac, 380 v (special order 660 v or 220 v), 50 hz (special order 60 hz); Line of 220 v50hz (special order 60 hz); Remote control is 24 VDC

2, the environment temperature: - 20 ~ + 60 ℃ (special order to 60 ~ + 80 ℃)

3, relative humidity: 90% or less (25 ℃)

4, outdoor used for flammable/explosive and non corrosive medium

5, protection grade: IP65 outdoor type

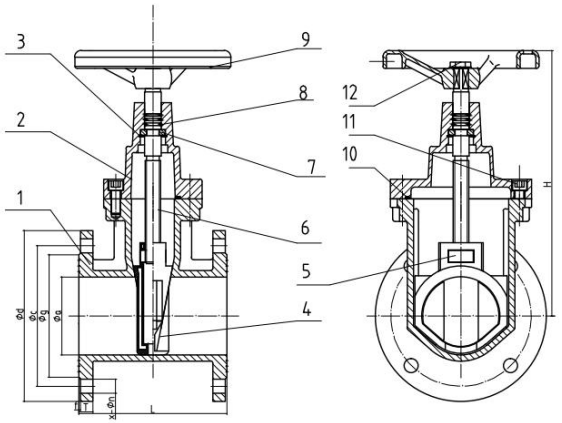
Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

Main size:

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

DIN F4 resilient seated gate valve



Product introduction:

The valves disc is rubber-packed to get excellent sealing effect by the rubber's resilient deformation. Non-rising resilient seated gate valves solve the problem in general gate valves such as leakage, rusting etc. and saves installation space. It is used widely in tap water industry, sewage treatment, shipping construction, petroleum, chemicals, food, pharmacy, textile, electric power, metallurgy and energy system's pipeline to adjust and shut off fluids.

Characteristics:

1. The seal is designed with dustproof ring plus three “O”-seal ring, reliable sealing, on-line replaceable.
2. Both gate and aluminum bronze bearing are in in aid design good self lubrication, high strength and can have the aluminum bronze bearing replaced without need to replace the gate integrally, after a long time use.
3. Rubber wrapped gate anti-corrosion, good tightness.
4. Advanced surface treatment, coated with non-toxic epoxy resign static powder, anti-corrosion, pollution-free, can be used drinking water pipeline.
5. The body is designed without gate slot, the smooth passage will not get impurities filling up , more applicable for sewage working condition.
6. The integral seal works raliably. For the high pressure seal, leaving zero leakage under1.5 times nominal pressure and ,for the low pressure one ,under 0.02Mpa.

Materials of major parts:

No.	part	material
1	Body	Ductile cast iron
2	Disc	Ductile cast iron packed with NBR
3	Bolt	CS SS
4	Gasket	EPDM NBR
5	Cover	ductile cast iron
6	Stem	stainless steel
7	O-ring	EPDM Silicone
8	Thrust bearing	Brass
9	Bolt	CS SS
10	Gland	ductile cast iron
11	Dust proof gasket	EPDM/NBR
12	Hand wheel	Ductile cast iron

Main size:

							Φ			
							Φ			
							Φ			
							Φ			
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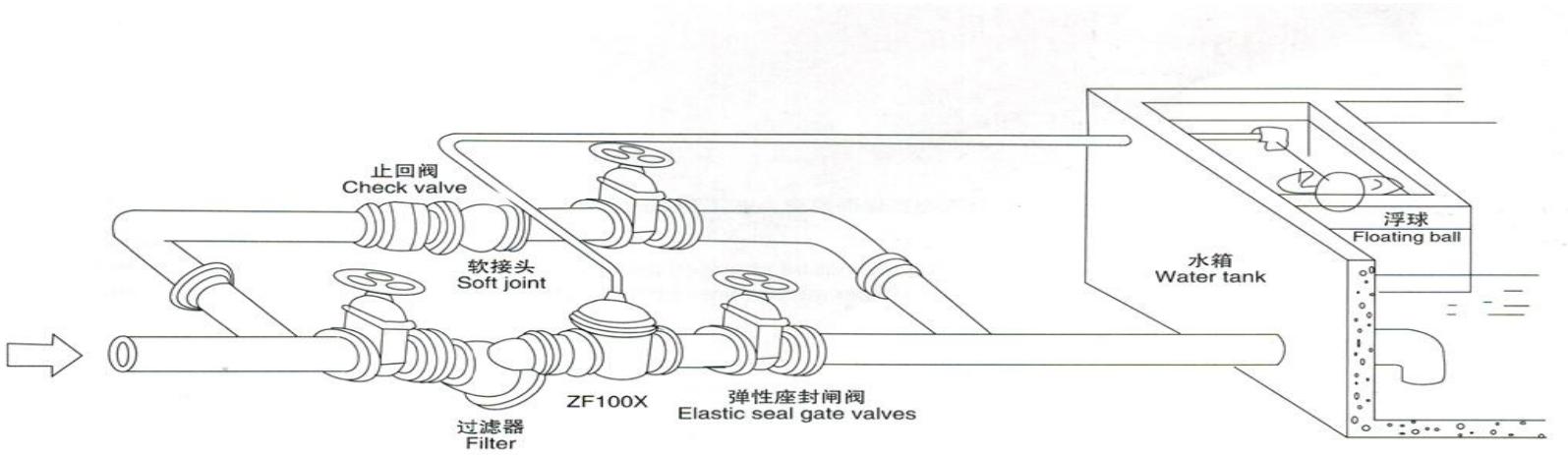
							Φ			

Performance specification:

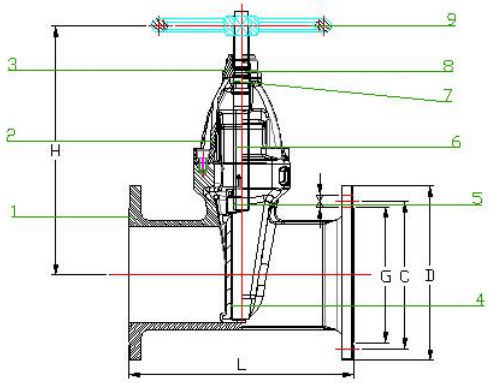
Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80

1.6	2.4	1.76		
2.5	3.75	2.75		

Typical installation drawing:



DIN F5 resilient seated gate valve



Product introduction:

The valves disc is rubber-packed to get excellent sealing effect by the rubber's resilient deformation. Non-rising resilient seated gate valves solve the problem in general gate valves such as leakage, rusting etc. and saves installation space. It is used widely in tap water industry, sewage treatment, shipping construction, petroleum, chemicals, food, pharmacy, textile, electric power, metallurgy and energy system's pipeline to adjust and shut off fluids.

Characteristics:

1. The seal is designed with dustproof ring plus three “O”-seal ring, reliable sealing, on-line replaceable.
2. Both gate and aluminum bronze bearing are in in aid design good self lubrication, high strength and can have the aluminum bronze bearing replaced without need to replace the gate integrally, after a long time use.
3. Rubber wrapped gate anti-corrosion, good tightness.
4. Advanced surface treatment, coated with non-toxic epoxy resign static powder, anti-corrosion, pollution-free, can be used drinking water pipeline.
5. The body is designed without gate slot, the smooth passage will not get impurities filling up , more applicable for sewage working condition.
6. The integral seal works raliably. For the high pressure seal, leaving zero leakage under1.5 times nominal pressure and ,for the low pressure one ,under 0.02Mpa.

Materials of major parts:

No.	part	material
1	Body	Ductile cast iron
2	Disc	Ductile cast iron packed with NBR
3	Bolt	CS SS
4	Gasket	EPDM NBR
5	Cover	ductile cast iron
6	Stem	stainless steel
7	O-ring	EPDM Silicone
8	Thrust bearing	Brass
9	Bolt	CS SS
10	Gland	ductile cast iron
11	Dust proof gasket	EPDM/NBR
12	Hand wheel	Ductile cast iron

Main size:

Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

Grooved gate valve

Product introduction:

The valves disc is rubber-packed to get excellent sealing effect by the rubber's resilient deformation. Non-rising resilient seated gate valves solve the problem in general gate valves such as leakage, rusting etc. and saves installation space. It is used widely in tap water industry, sewage treatment, shipping construction, petroleum, chemicals, food, pharmacy, textile, electric power, metallurgy and energy system's pipeline to adjust and shut off fluids.

Characteristics:

1. The seal is designed with dustproof ring plus three “O”-seal ring, reliable sealing, on-line replaceable.
2. Both gate and aluminum bronze bearing are in in aid design good self lubrication, high strength and can have the aluminum bronze bearing replaced without need to replace the gate integrally, after a long time use.
3. Rubber wrapped gate anti-corrosion, good tightness.
4. Advanced surface treatment, coated with non-toxic epoxy resign static powder, anti-corrosion, pollution-free, can be used drinking water pipeline.
5. The body is designed without gate slot, the smooth passage will not get impurities filling up , more applicable for sewage working condition.
6. The integral seal works raliably. For the high pressure seal, leaving zero leakage under1.5 times nominal pressure and ,for the low pressure one ,under 0.02Mpa.

Materials of major parts:

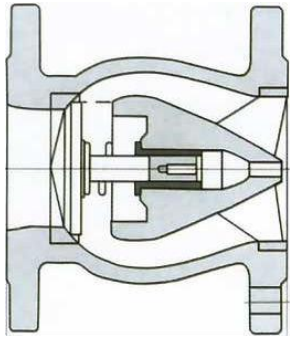
No.	part	material
1	Body	Ductile cast iron
2	Disc	Ductile cast iron packed with NBR
3	Bolt	CS SS
4	Gasket	EPDM NBR
5	Cover	ductile cast iron
6	Stem	stainless steel
7	O-ring	EPDM Silicone
8	Thrust bearing	Brass
9	Bolt	CS SS
10	Gland	ductile cast iron
11	Dust proof gasket	EPDM/NBR
12	Hand wheel	Ductile cast iron

Main size:

Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

H42X Mute Check Valve



Product Presentation:

DRVZ Damping Check Valve is a product developed newly in our company. A streamlined design inside the valve is used for the flow path and a flow guide body. The internal part of the valve is in streamline design,a small fluid resistance,energy-saving,to be closed upon the spring force with itself,able to prevent water hammer,simply structures,reliable performance. Required to be vertically installed(with the body axis vertical).

Purpose:

This valve is mainly used for water supply and drainage, fire protection, hvac system, can be installed in the pump outlet place, to prevent the backflow medium and water hammer pump damage.

Characteristics:

Internal parts are streamline design, small flow resistance, energy saving, on its own spring force closed, can prevent the water hammer, simple structure, reliable in performance. This valve should be installed vertically (body axis vertical).

Execution standard:

Face-to-face dimension：GB/T 12221

Flange Dimension： GB/T 17241.6

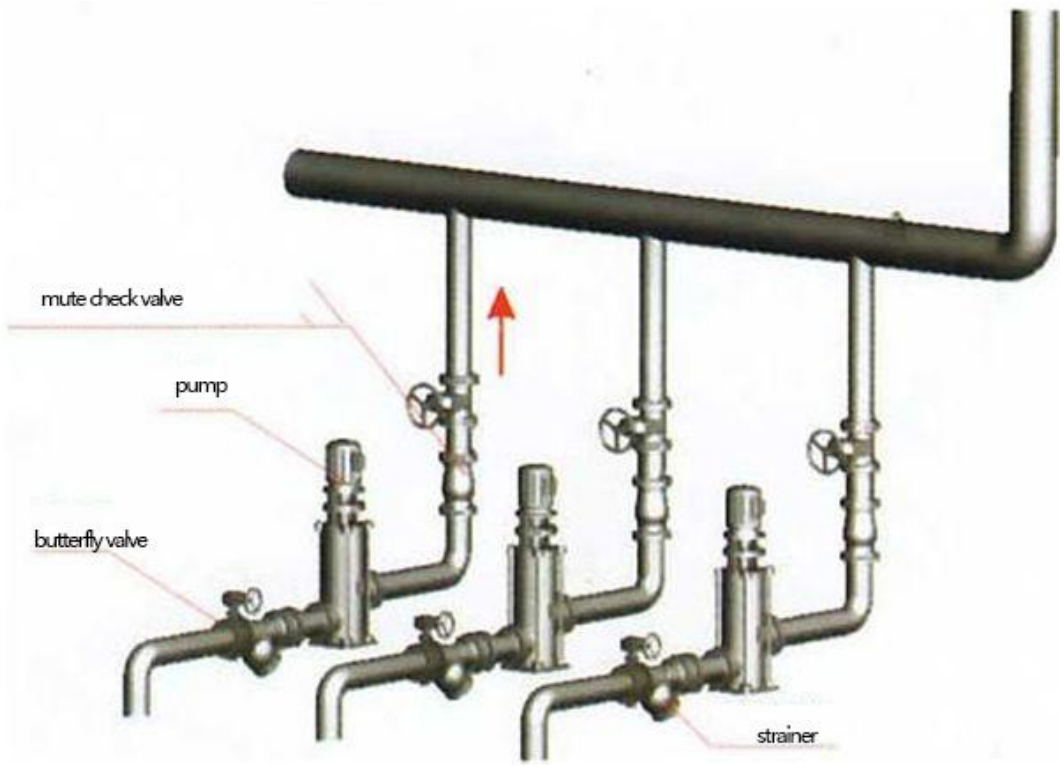
Nominal preaaure	PN16	PN25
Nominal diameter	DN50~500mm	
Applicable temperature	≦100° C	
Applicable medium	Water	

Testing： GB/T 13927

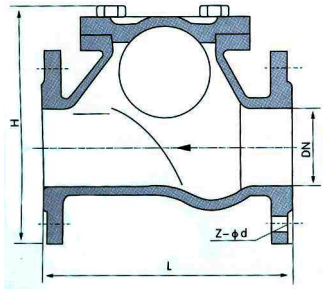
Part name	Material
Body	Grey cast iron/ductile iron/cast steel
Spring	Staninless steel
Guide bush	Copper alloy
baffle	Grey cast iron/cast steel
Stem	Staninless steel
Disc	Grey cast iron/ductile iron/cast steel
Sealing ring	Rubber

Main outer size

DN	50	65	80	100	125	150	200	250	300	350	400	450	500
L	102	108	121	146	178	203	248	311	350	394	457	483	530



HQ41X Rolling-ball Check Valve



Product Presentation:

HQ41 Sliding Path Roller Type Check Valve uses the rubber covered roller as the disc, when, under the action of the medium, can roll up and down along with the integral sliding path inside the valve so as to open or close it. And 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 be used for cold-water, hot-water, industrial and living sludge pipe networks, especially suitable for the submersible sludge pump. The medium temperature:0~80℃。

Purpose:

This product is mainly installed in cold water, hot water, the pump outlet of industrial and living sewage pipe network, to prevent the backflow medium, more suitable for diving sewage pump.

Characteristics:

1, sealed performance is good, silencing shut down, do not produce water hammer.
2, the valve body adopts full flow channel, large flow, small resistance, the water loss is 50% less than swing.

Performance specification:

DN	50-300			mm
nominal pressure	1.0	1.6	2.5	Mpa
shell test	1.5	2.4	3.75	
sealing test	1.1	1.76	2.75	
gas seal test	0.6	0.6	0.6	
applicable temperature	0-80			℃
applicable medium	water			

Main parts materials

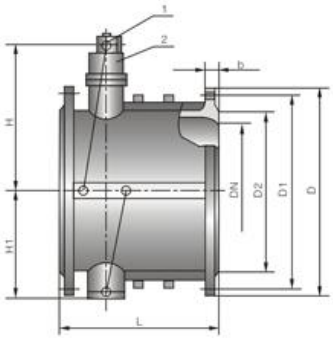
Part name	Material
Body	Grey cast iron/ductile iron/cast steel
Valve ball	Rubber

Main outer size

DN	50	65	80	100	125	150	200	250	300
L	180	200	260	300	350	400	500	670	830
H	185	210	245	280	335	400	495	600	715


弹性座封闸阀
gate valve
pump
泵
滑道滚球式止回阀
rolling-ball check valve

Micro resistance slow close butterfly check valve



Product Presentation:

This valve is a safety device mounted in the pipeline or pump outlet to prevent the pump from inversed running due to the differential water hammer’ s shock in the pipeline when the pump stops. And it features by the brand-new structure, small fluid resistance, reliable seal, stable open-close, long duration, better energy-saving effect.

Suitable for the pipeline related to the systems of water supply and drainage, fire-fighting, warming etc. or the pump outlet to prevent both pump and pipeline from being damaged due to the water hammer produced when the medium flows back and from the silencing effect.

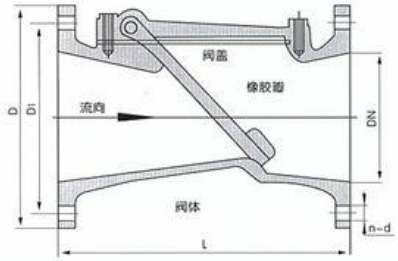
Performance specification:

DN	1.0	1.6	Mpa
shell test	1.5	2.4	
sealing test	1.1	1.76	
applicable temperature	≤100		℃
applicable medium	water.,sea water etc.		
slowly-closing time	6 below 60s adjustable		

Main parts materials

part name	material
body	gray cast iron/ductile iron
butterfly plate	cast iron
stem	SS
packing	SS
sealing ring	EPDM

H44X rubber disc check valve



Product Presentation:

The flap of this valve is coated with rubber on its outer layer and its switching duration can be up to 1 million times. And it is, with the full-flow area design, features by small head loss, not easy piled-up of foreign matters and simple repair.Suitable for the water supply and drainage system, mounted in the pipeline or on the pump outlet, prevent both pump and pipeline from being damaged due to medium’s back-flow and water hammer. It can also be mounted on the by-pass pipe for water in and out of a reservoir to assist the water of the reservoir to flow back to the water supply system.

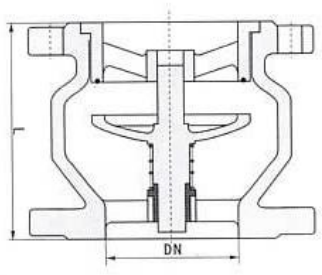
Performance specification:

PN(MPa)		1.0	1.6	2.5
Test pressure (MPa)	Shell strength	1.5	2.4	3.75
	Sealing performance	1.1	1.76	2.75
Working temperature		≤80℃		
Applicable medium		water		

Main parts materials

part name	material
Body	Grey cast iron/ductile iron
Cover	Grey cast iron/ductile iron
Disc	EPDM+metal skeleton

H41X noise elimination check valve



Product Presentation:

H41X Daming Check Valve is mounted on the outlet pipe of the pump for the security pipes for avoiding the reversal rotation caused by the pressed water stream to impact the pump's stopping. This valve is small volume, light and convenient. With guiding device, flexible closing, linear sealing, excellent check result and can reducing the closing noise efficiently.

Purpose:

This valve is mainly used for water supply and drainage, fire protection, hvac system, can be installed in the pump outlet place, to prevent the backflow medium and water hammer pump damage.

Characteristics:

Internal parts are streamline design, small flow resistance, energy saving, on its own spring force closed, can prevent the water hammer, simple structure, reliable

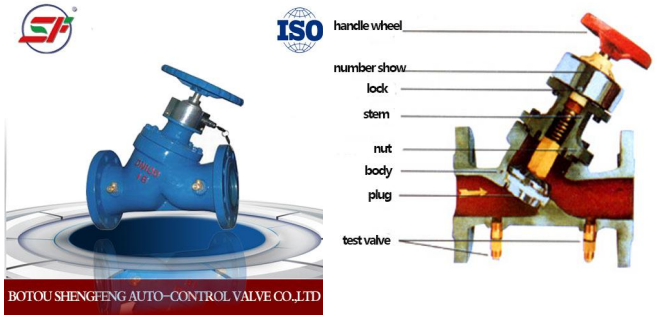
Performance specification:

Normal pressure (Mpa)	Body test pressure (Mpa)	Sealing test pressure (Mpa)	Applicable medium	Applicable temperature (°C)
1.0	1.5	1.1	water	0~80
1.6	2.4	1.76		
2.5	3.75	2.75		

Main parts materials

NO.	Part	Material
1	Body	Ductile iron
2	Gasket	EPDM
3	Disc	Brass/ductile iron
4	Stem/Sring	Stainless steel
5	Shaft sleeve	Copper alloy

Digital lock balance valve



Product Presentation:

This is a balancing valve, suitable for various liquid pipeline systems, and is an ideal brand-new energy-saving valve, set with a scaled digital display and visually adjustable to any position and lockable. Main used for the warming pipeline system of industrial and civil buildings. It provides the means to settle such a problem existing in some pipe-net systems as the hydraulic imbalance and can accurately adjust both step-down and flow so as to improve the flowing status of the liquid inside of the pipe-net system to reach the target of the liquid balancing and energy saving. Use of this valve in the reform of the dual-pipe network engineering can still save energy and get a better effect.

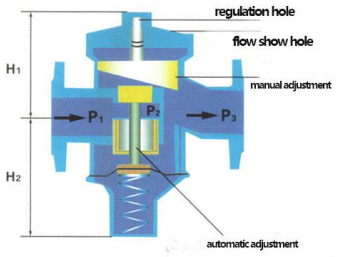
Execution standard:

Face-to-face dimension：GB/T 12221
Flange Dimension： GB/T 17241.6
Testing： GB/T 13927

Performance specification

Model	SP15-10/16	SP45F-10/16
Test pressure	2.4MPa	
Working pressure	=1.6MPa	
Working temperature	=120℃	
Suitable medium	Water , oil and other liquids	
Performance curve	Equal percentage	

ZL47F Flow control valve



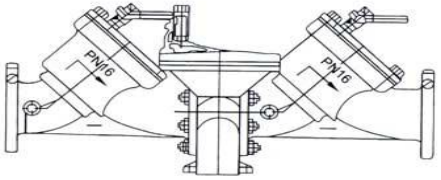
Product Presentation:

This is such a valve as using the self pressure variation to realize self control while keep the flow through this control system unchanged. With a flow indication, it is easily adjusted and suitable for the flow control of heat supply, air-conditioning etc. non-corrosive media. Through once adjustment before running can get the system's flow automatically constant at the required set value.

Execution standard: Face-to-face dimension：GB/T 12221 Flange Dimension： GB/T 17241.6 Testing： GB/T 13927

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
L	110	110	115	160	200	215	230	275	290	310	350	430	520	635	670
D	95	105	115	135	145	160	180	195	215	245	280	335	405	460	520
D1	65	75	85	100	110	125	145	160	180	210	240	295	355	410	470
D2	45	55	65	78	85	100	120	135	155	185	210	265	320	375	435
H1	72	72	81	108	138	138	143	170	193	208	254	289	325	357	372
H2	70	70	74	91	147	147	154	189	211	227	260	303	367	430	495
Flow control range(m3/h)	0.1~1	0.1~ 1.5	0.2~2	0.5~4	1~6	2~10	3~15	5~25	10~35	15~ 50	30~ 80	40~ 180	100~300	150~1500	200~700

HS41X Anti-pollution isolating valve



Product Presentation:

This valve is usually installed on the joint of water head and in charge of or behind the user meter, to prevent the pipe network of water back into the head of cause the pollution of director of network.

Characteristics:

Multi-protections，reliable backflow prevention effect.

Performance specification:

Nominal pressure	1.0	1.6	MPa
Strength test	1.5	2.4	
Sealing test	1.1	1.76	
Applicable temperature	≤80		° C
Applicable madium	Clear water		

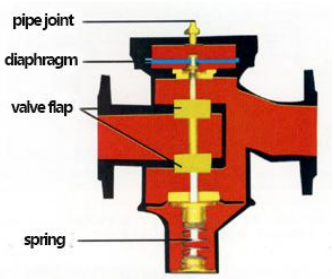
Main parts materials

Part name	Material
Body，Bonnet	Grey cast iron/ductile iron/cast steel
Seat	Copper alloy
Stem	Stainless steel
Spring	Stainless steel
Disc	Copper alloy/Cast iron/steel casting
Sealing ring	Rubber

Main outer size（A Model）

DN	50	65	80	100	125	150	200	250	300
L	455	496	552	680	788	870	1009	1186	1340
H	378	406	440	484	538	585	700	918	1003
H1	243	255	264	274	291	308	345	502	525

ZYC Self Pressure Diffential Control Valve

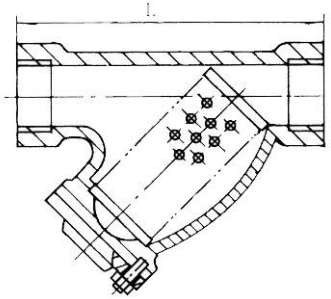


Product Presentation:

ZYC Self Pressure Diffential Control Valve is such a valve as using the self pressure variation to do self control while keep the pressure differential of the medium flowing through this controlled system unchanged. Suitable for the pressure differential control of the warming supply using a dual-pipeline system to guarantee the system basically unchanged, lower the noise, balance the resistance and get rid of the heat-net and hydraulic imbalance.

Model	PN(MPa)	Casing test pressure	Control range of pressure differential	
			Fixed pressure differential type	Adjustable pressure differential type
ZYC-16	1.6	2.4 MPa	10KPa、20KPa、30KPa	10~30KPa

Y style strainer



Purpose

The product is mainly installed on all kinds of water supply and drainage pipeline or steam pipeline and gas pipeline. Used to protect the rest of the fitting or valve from debris and damage of impurity in the system.

Characteristics

1, modelling beautiful, body reserve pressure hole.

2, easy to use and fast. According to user requirements to cover the screw on the change into ball valve, ball valve outlet drainage pipe, so that you can not open the cover, sewage with pressure.

3, can according to user requirements to provide different filtration precision of mesh. Filter cleaning easy to change.

4, and fluid channel design scientific and reasonable, flow resistance smaller, more traffic, the total area of the mesh is 3 ~ 4 times the size of nominal diameter.

5, telescopic can make the installation more convenient disassembly.

Performance specification

Nominal pressure	1.0	1.6	2.5	MPa
Shell test pressure	1.5	2.4	3.75	
Applicable temperature	≤200			° C
Applicable madium	water，steam，gas			
Filter aperture	Φ0.8-Φ3mm			

Part name	Material	
Body	Ductile iron/grey cast iron/copper alloy	PN2.5 Cast steel
Filter screen	Stainless steel	
Bonnet	Ductile iron/grey cast iron/copper alloy	PN2.5Cast steel
Sealing ring	Silicon/fluorine rubber	

P41X single hole exhaust valve

The major parts material:

Body and bonnet - gray cast iron, nodular cast iron

Float - stainless steel

Main outer size

DN	50	80	100	150	200
D3	175	215	230	265	380
H	270	300	310	395	455

Purpose

Installed in high or the product there is breath, is used to eliminate the gas of tube make the pipeline operating normally, such as blackouts, stop the pump. The valve inlet timely, ensure the security of the pipeline.

Features:

Stand-up exhaust valve small volume, light weight, breathe in large amount.:

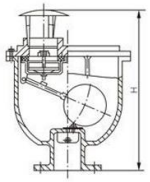
The performance specification

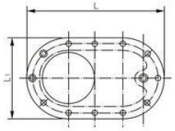
Public pressure: PN16

Applicable temperature: 80 ℃ or less

Applicable medium: water

CARX composite exhaust valve





Purpose

Installed in high or the product there is breath, is used to eliminate the gas of tube make the pipeline operating normally, such as blackouts, stop the pump. The valve inlet timely, ensure the security of the pipeline.

Characteristics

1, in kai pump, a lot of gas in the excluded by a large caliber pipeline, high pump water conveyance efficiency;

2, when the line trace gases generated in normal water supply, through the small hole on the piston rod, always ensure pipe with pipe water supply.

performance specification:

Nominal pressure: PN16

Applicable temperature: 80 ℃ or less

Applicable medium: water

Shut down air pressure: 0.1 MPa

Minimum water seal pressure: 0.02 MPa

Major parts material:

Body and bonnet, exhaust - QT450-10

Floating ball, the piston - 0 cr18ni9

Big, small mouth sealing ring - NBR/EPDM

e tank body - ABS\

Main outer size

DN	50	80	100	150	200
D3	175	215	230	265	380
H	270	300	310	395	455

PN	DN	D1	D	T	N-D	H	A*B
1.6Mpa	20	G3/4	/	/	/	260	145*145
	25	G1”	/	/	/	260	145*145
	50	125	165	19	4-19	320	162*162
	65	145	185	19	4-19	320	162*162
	80	160	200	19	8-19	365	198*198

ARSX Trace exhaust valve

Purpose:

This valve is applicable for mounting in hight buildings，factories，small pump stations and water distribution piplines and used to exhaust the air inside of the pipeline to improve the systematic water transporting efficacy and save energy.

Performance specification

Nominal diameter：DN15-25mm
Nominal pressure：PN16
Applicable temperature：≤80° C
Applicable medium：Water
Connection type: internal tube thread
Test standard：GB/T13927

Main parts materials

Bonnet—cast iron
Stopper—synthetic rubber
Seat，floating ball —stainless steel
Body—cast iron
leverage—stainless steel

Characteristics

Exquisite out—form，easy installation

Main outer size

DN	Import size	Vent size	ΦXH Overall dimensions
15	1/2	1.6	Φ102*127
20	3/4	1.6	Φ102*127
25	1	1.6	Φ102*127

Factory Pictures:

Vertical lathe lathe mainly use for machining oversize valve bodies.

Group of drilling machine tool

Workshop

Workers are working

Assembly line of painting equipment

Machine tool

Store room

After painting