



Description

The electronic control valve is a kind of waterpower operated valves that utilizes a solenoid valves as its pilot valves. It is normally used in automatic control for water supply and drain systems and other industrial systems. It is precise and quick in its response in the process of control and utilizes remote operations through turning on/off the management system via remote control signals. It can also replace gate valves and butterfly valves for application in large-sized electrically operated systems because the shut-off speed of the valves is adjustable and smooth shutoff can be realized without causing any pressure variation. This valve is small in volume and weight, simple to maintain and repair, easy to use, safe and reliable. Both 220VAC and 24VDC can be used for the solenoid valves and you can choose to use the constantly open or constantly closed valves according to you actual needs during a specific situation.

Standard and regulation

Flange connection dimension: GB/T 17241.6-1998, GB/T 9113.1-2000

Nominal pressure: PN0.6MPa, PN1.0MPa, PN1.6MPa, PN2.5MPa

Nominal diameter: DN20~450mm

Suitable medium: Water

Suitable temperature: $\leq 80^{\circ}\text{C}$

Inspection and test: GB/T 13927, API598

Body material: Cast iron, Ductile cast iron



Description

Emergency shut down valve belongs to a kind of valve that is intended for use in a water supply system in which the fire fighting water and domestic water are connected in parallel and for the control of the direction of water supply. When a fire breaks out and a large quantity of water is in great need for fire fighting purpose, the emergency shut down valve cuts off the domestic water supply immediately so as to ensure enough fire fighting water. When the fire fighting is over and the pressure in terms of water use has dropped, the valve switches on automatically to stay in the constantly open state and the normal domestic water supply is restored. This valve makes it unnecessary to set a separate fire fighting water supply network in the system, thereby greatly reducing the construction cost and water consumption. Furthermore, the valves is high in control sensitivity, safe, reliable, simple to debug and offers a long service life.

Standard and regulation

Flange connection dimension: GB/T 17241.6-1998, GB/T 9113.1-2000

Nominal pressure: PN0.6MPa, PN1.0MPa, PN1.6MPa, PN2.5MPa

Nominal diameter: DN20~450mm

Suitable medium: Water

Suitable temperature: $\leq 80^{\circ}\text{C}$

Inspection and test: GB/T 13927, API598

Body material: Cast iron, Ductile cast iron



Description

The main valve is controlled by a float ball valve which locates on the top of tank or reservoir. The valve maintains the maximum water level of tank or reservoir continuously. Float controlled valve is a multi-function hydraulic control valve. The water level can be controlled below a preset elevation, which can be widely used in influent pipes of the pools and water tower in high-rise buildings, municipal domestic water systems, fire fighting facilities, factories and mines.

Standard and regulation

Flange connection dimension: GB/T 17241.6-1998, GB/T 9113.1-2000

Nominal pressure: PN0.6MPa, PN1.0MPa, PN1.6MPa, PN2.5MPa

Nominal diameter: DN40~450mm

Suitable medium: Water

Suitable temperature: $\leq 80^{\circ}\text{C}$

Inspection and test: GB/T 13927, API598

Body material: Cast iron, Ductile cast iron



Description

The valves have slow-open, quick-close and slow-close function to prevent water-hammering when open or close pump. Only push the button for closing or opening pump and the valves can run according to the pump's operation procedure with large flow and little pressure loss. Diaphragm type multifunctional pump control valves is for DN 450 or less valves.

Standard and regulation

Flange connection dimension: GB/T 17241.6-1998, GB/T 9113.1-2000

Nominal pressure: PN0.6MPa, PN1.0MPa, PN1.6MPa, PN2.5MPa

Nominal diameter: Diaphragm type DN50~450mm, Piston type DN500~900mm

Suitable medium: Water

Suitable temperature: $\leq 80^{\circ}\text{C}$

Inspection and test: GB/T 13927, API598

Body material: Cast iron, Ductile cast iron, Carbon Steel, Stainless steel



Description

Multifunctional Remote Control Float Valve is a hydraulically-operated valves with much function. It is installed at the inlet of spool or water tower. When the water level reach to the setting, the main valve controlled by the pilot valve, close and stop supplying water; when the water level falls downward, the main valve controlled by the pilot valve, opens and supplies water to the pool. The water level is controlled precisely and is not interfered by the water pressure. Floating ball remote control valve can be installed freely according to the pool's height and use space. It is easy to maintain and inspect the valves.

Standard and regulation

Flange connection dimension: GB/T 17241.6-1998, GB/T 9113.1-2000

Nominal pressure: PN0.6MPa, PN1.0MPa, PN1.6MPa, PN2.5MPa

Nominal diameter: Diaphragm type DN50~450mm, Piston type DN500~900mm

Suitable medium: Water

Suitable temperature: $\leq 80^{\circ}\text{C}$

Inspection and test: GB/T 13927, API598

Body material: Cast iron, Ductile cast iron, Carbon Steel, Stainless steel



Description Pressure differential balance valve is a kind of valve intended for use between the water supply part and the return water part of an air conditioning system to balance the pressure difference. This valve can increase the utilization factor of a system, maintain the pressure difference at a precise constant value, and maximally reduce the system noise and avoid damages caused to the equipment because of an excessive pressure difference. Pressure differential balance valve excels over other balance valves in the fact that it does not have an actuating mechanism, depends entirely on its own pressure difference to realize the function of balancing the system. Accordingly, our pressure differential balance valve saves energy and requires little installation space, thus can be regarded as a smart valve. Standard and regulation Flange connection dimension: GB/T 17241.6-1998, GB/T 9113.1-2000 Nominal pressure: PN0.6MPa, PN1.0MPa, PN1.6MPa, PN2.5MPa Nominal diameter: DN20~450mm Suitable medium: Water Suitable temperature: $\leq 80^{\circ}\text{C}$ Inspection and test: GB/T 13927, API598 Body material: Cast iron, Ductile cast iron



Brief introduction :

Stream lined body, combined floating-ball disc with cone-shape sealing surface, these insure no abnormal vibration and noise when the valve is in use. These can also reduce pressure loss, makes the scope of upstream pressure much wider than other pressure valves and pressure output more stable. Widely used in potable water supply, building construction and so on.

Features:

⊙ Unique design

Streamlined body. Combined floating-ball valve clack. Cone-shape sealing surface. Diaphragm type control. Filter installed at the pipe system. Screw hole at the bottom can clear the sediment.

⊙ Excellent proof corrosion characteristics

Internal and external epoxy resin coating. Floating-ball and filter are both made of bronze.

⊙ Reliable hygiene principles

Epoxy resin and rubber comply with hygiene standard. Sealing material are made of rubber and PTFE. Trims are made of stainless steel or bronze.

Main part & material

Body, Bonnet: GGG50 with internal and external epoxy resin coating

Seat, Bushing, Disc: ZCuAl10Fe3 Bronze

Stem, Spring: 1Cr17Ni12Mo2Ti, Stainless steel

Diaphragm, O-ring: NBR, EPDM

Seal ring: PTFE

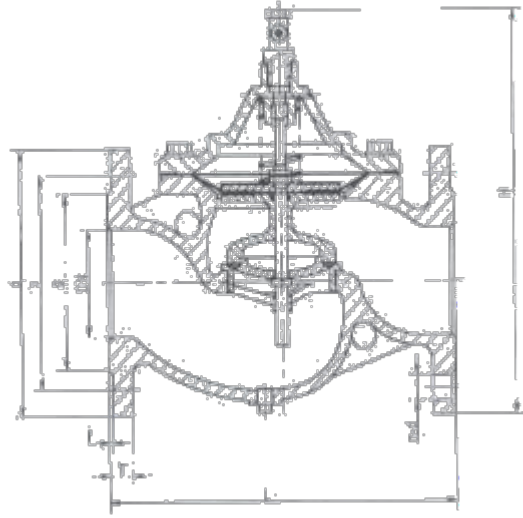
PRODUCT - CONTROL VALVE

PRESSURE REDUCING VALVE

Technical Specification

- Nominal diameter : 50~300mm
- Nominal pressure : 1.0/1.6Mpa-Strength testing pressure : 1.5/2.4Mpa
- Sealing testing pressure : 1.1/1.76Mpa
- Downstream pressure: 0.3~0.9MPa/ 0.3~1.5MPa

Design standard	GB12246
Face to face	DIN2501
Flange end	DIN 2501
Test & inspection	GB/T13927
Working temperature	Less than 80 °C



DN	L	H	Flange dimensions comply with DIN2501(mm)										
			O		C		g		f	T		n-d	
			1.0	1.6	1.0	1.6	1.0	1.6		1.0	1.6	1.0	1.6
50	203	260	165	165	125	125	99	99	3	19	19	4-19	4-19
80	241	310	200	200	160	160	132	132	3	19	19	8-19	8-19
100	305	340	220	220	180	180	156	156	3	19	19	8-19	8-19
150	356	490	285	285	240	240	211	211	3	19	19	8-23	8-23
200	4 95	620	340	340	295	295	266	266	3	20	20	8-23	12-23
250	622	760	395	405	350	355	319	319	3	22	22	12-23	12-28
300	698	905	445	460	400	410	370	370	4	24.5	24.5	12-23	12-28



Description

Adjustable pressure reducing and sustaining valves is installed in feeding/draining water system in high building to reduce the inlet pressure to required pressure. The valves ensure outlet pressure stay in the setting pressure stably by its own energy, that is, the outlet pressure does not change owing to the inlet pressure's and flow's change. There is self-cleaning filtering mesh installed at the valves control system's inlet not to let the great specific gravity and large diameter particle flow into the system and ensure the system unimpeded. The valve acts quickly and has a long lifespan.

Standard and regulation

Flange connection dimension: GB/T 17241.6-1998, GB/T 9113.1-2000

Nominal pressure: PN0.6MPa, PN1.0MPa, PN1.6MPa, PN2.5MPa

Nominal diameter: Diaphragm type DN50~450mm, Piston type DN500~900mm

Suitable medium: Water

Suitable temperature: ≤80°C

Inspection and test: GB/T 13927, API598

Body material: Cast iron, Ductile cast iron, Carbon Steel, Stainless steel