

PRESSURE RELIEF VALVE

Flanged End

Product Description:

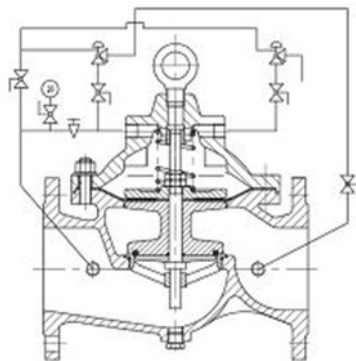
Pressure Relief Valve & Sustaining Valve is used in the pipeline system to prevent of surpassing the pressure or to keep the pressure of it, to reduce the water hammer's shock after the pump is closed and also used as a water hammer remover in the large water supply system. A self cleaning filter screen 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 valves 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 the upstream water supply pressure of the main valve.

Materials of the Major Parts:



Name of Parts	Material of Parts
Body & Cap	Cast Iron or Ductile Iron
Valve Seat & Valve Disc	Brass
Valve Stem	Stainless Steel
Spring	Stainless Steel
Surface	EPOXY
Valve Sealing	EPDM/NBR