



Description

Light weight, small dimensions, simple and reliable structure. The drainage outlets enables removal of excess fluids.

Standard metal body - baked polyester coating.

Automatic component.

The valve functions while the system is under pressure, according to the following stages:

1. Entrapped air, which accumulates at peaks along the system (where combination air valves should be installed), rises to the top of the valve, which in turn displaces the liquid in the valve's body.
2. The float descends, unsealing the rolling seal. The automatic air release orifice opens and the accumulated air is released.
3. Liquid penetrates into the valve and the float rises, pushing the rolling seal back to its sealing position.

Flanged end dimension: according as ISO7005.2 PN16/PN10

Working pressure: 1.0MPa/ 1.6Mpa

Sizes: DN50-150



Description

Material: brass

Sizes: DN10-25

Connection: Thread joint

Certification: ISO9001

Applications

Cold or hot water supply, heating system including flooring heating, wall heating and radiant, central air conditioning and industrial liquids transportation.



Description

Air Release Valves function to release air pockets that collect at each high point of a full pressured pipeline. Air Release Valves can open against internal pressure, because the internal lever mechanism multiplies the float force to be greater than the internal pressure. This greater force opens the orifice whenever air pockets collect in the valve. Air Release Valves are essential for pipeline efficiency and water hammer protection.

Working Pressure: 1.0MPa/ 1.6Mpa

Sizes: DN25-400



Description

Double Ball Air Valve is used for water pipe in medium to protect the pipeline from deformation.

Features:

1. Able to eliminate the gas pipeline, reduce resistance, saving energy.
2. When this product pipeline negative pressure can automatically inhaled air prevents pipes burst.
3. Safe and reliable.

Working Pressure: 1.0MPa/ 1.6Mpa

Sizes: DN50-200



Description

Double Orifice Air Valve is a type of power operated valve that uses air pressure against a piston or diaphragm to produce linear or circular movement to operate a valve. Air Valves perform two important functions in a piping system. They maintain system design efficiency and provide system protection. System efficiency is maintained by venting air via the air valves from the system that can restrict flow and increase pumping costs.

Working Pressure: 1.0MPa/ 1.6Mpa

Seal test: 1.1MPa /1.76Mpa

Strength test: 1.5MPa / 2.4Mpa

Sizes:DN50-200



Description

The air release valves will be installed at sections of the pipeline where air pockets would be formed. The valves shall be of robust construction of double orifices with an integral isolating valve and flanged base for connection to a valve stem that connects the air valve to the main pipeline. The bore leading to the flange base shall be in accordance to the size of the main pipeline and the expected accumulation of air.

Working Pressure: 1.0MPa/ 1.6Mpa

Sizes: DN50-100



Description

The Series large orifice air valve is a single orifice air valve, suitable for use with potable and filtered water, to a maximum temperature of +80°C.

Features:

Release large volumes of air from pipelines.

Light weight design.

Corrosion resistant construction.

Working Pressure: 1.0MPa/ 1.6Mpa

Sizes: DN150-300



Description

The valve is suitable for the bulk release or ingress of air whilst filling or draining the line and the release of trapped air whilst the line is under operating pressure. Fouling of the orifice is eliminated by the use of a large float chamber which confines the liquid within the bottom, therefore preventing any leakage of solids into the atmosphere.

Working Pressure: 1.0MPa/ 1.6Mpa

Sizes: DN50-200



Description

Single Orifice Air Valve covering the requirements for both filling/emptying of the water main plus removal of accumulated air in normal service. these valves can be tailored to most applications.

Working Pressure: 1.0MPa/ 1.6Mpa

Sizes: DN40-150

Flanged end dimension: according as ISO7005.2 PN16/PN10



Description

The Series small orifice air valve is a single orifice air valve, suitable for use with potable and filtered water, to a maximum temperature of +80°C.

Features:

Release large volumes of air from pipelines.

Light weight design.

Corrosion resistant construction.

Working Pressure: 1.0MPa/ 1.6Mpa

Sizes: DN50-100