

▶ Clamp Gapless Valve

Principle

Clamp gapless valve is composed of valve seat, valve liner, gate, support and driving device. Two valve seats make valve liner closely match under the action of assembly pre-tightening force, forming a docking short pipe. When the valve is closed, the gate will wedge between the two seat covers to cut the fluid, and closely match with the valve by the excellent elasticity of wear-resistant rubber valve liner to ensure the seal.



Features

The product has features of compact structure, small volume, light weight, convenient operation and maintenance, and is suitable for the occasions with particles or serious abrasion of sediment. According to different pressure and corrosive state, the material of gate includes stainless steel, ultra-high molecular weight polyethylene and the mixture between them. The injection nozzle set on the valve body can reduce the gate friction and the valve open-close torque.

The valve can be replaced with rubber molded parts. Manual operation is generally used for Xinhai brake valve products, according to the requirements of the users, power-driven and gas-driven operation can also be used. It can not only be made on site but also be controlled remotely. Structure length and flange size can be determined usually according to national standards, and can be also according to users' requirements.

Application

Big open-close is used for clamp gapless valve, and is suitable for installing on hydrocyclones feeding, tailings pipelines or double circuit lines to be as an on-off. The suitable medium includes pulp, ash slurry, acid and base corrosive mediums.

Technical Parameters

Diameter Range: DN50-300 mm.

Working Pressure: 0.6 MPa, 1.0 MPa, 1.6 MPa.

▶ Tee Check Valve

Principle

There are two slurry pumps produced, one is used for production, the other is used for standby application. When one of the pumps and valves are opened, there will be a serious congestion between the closed valve and tee joint neck, which causes the difficulty in opening in the future. A tee joint automatic reversing valve is instead of two valves. When opening one of them, the other one has no slurry.



Features

Tee check valve can save a pipe line input by just taking the price of a valve, and can easily realize automation control.

The valve is lined with world-famous wear-resistant rubber.

It is convenient, practical, and durable.

Application

It is used for slurry, slag, tailings, a variety of drainage systems of standby pump, and chemical corrosive medium.

Technical Parameters

Nominal Pressure (MPa)	0.7			
Diameter Range (mm)	DN65-500			
Test Pressure	Seal	1.0	Test Medium	Water
	Intensity	1.5		Water
Working Pressure (MPa)	≤ 1.0			
Working Medium	Slurry, Slag, Tailings, etc.			