



ZFC9/742X Fixed Cone Valve



BY ZHENGZHOU PUMP VALVE SINCE 1995



Fixed cone valve

The operational system of the fixed cone valve can consist of the following:

- Main valve
- Electric motorized gearbox
- Manual
- Hydraulic power unit
- Special operational system defined and agreed with the customer, hood etc.

A typical range of applications are:

- Diameter up to DN2600
- Pressure up to PN40

× × × ×
× × × ×



Project of fixed cone valve



× ×
× ×
× ×
× ×

The Fixed Cone Valves are special type control valve usually for discharge into free atmosphere.

Submerged Fixed Cone Valve

In some cases the valve can be used in a submerged condition where the downstream level is below the altitude of the installation.

× ×
× ×
× ×
× ×



Electric actuator operation

The electric motor actuator can be operated by different electric power.

The motor actuator shall be manufactured by Auma, Rotork, Ruiki, Aosima etc.

× ×
× ×
× ×
× ×



Manual operation

Once small sized valve, we can use manual operation by hand wheel.

A mechanical dial position indicator will be provided.

× ×
× ×
× ×
× ×



Hydraulic operation

Hydraulic operation is also an optional.

× ×
× ×
× ×
× ×



What is the working principle of stationary HOOD?

01

A hood is optional will be bolted to the valve body. The hood will reduce the discharge spray by confining the existing water jet.

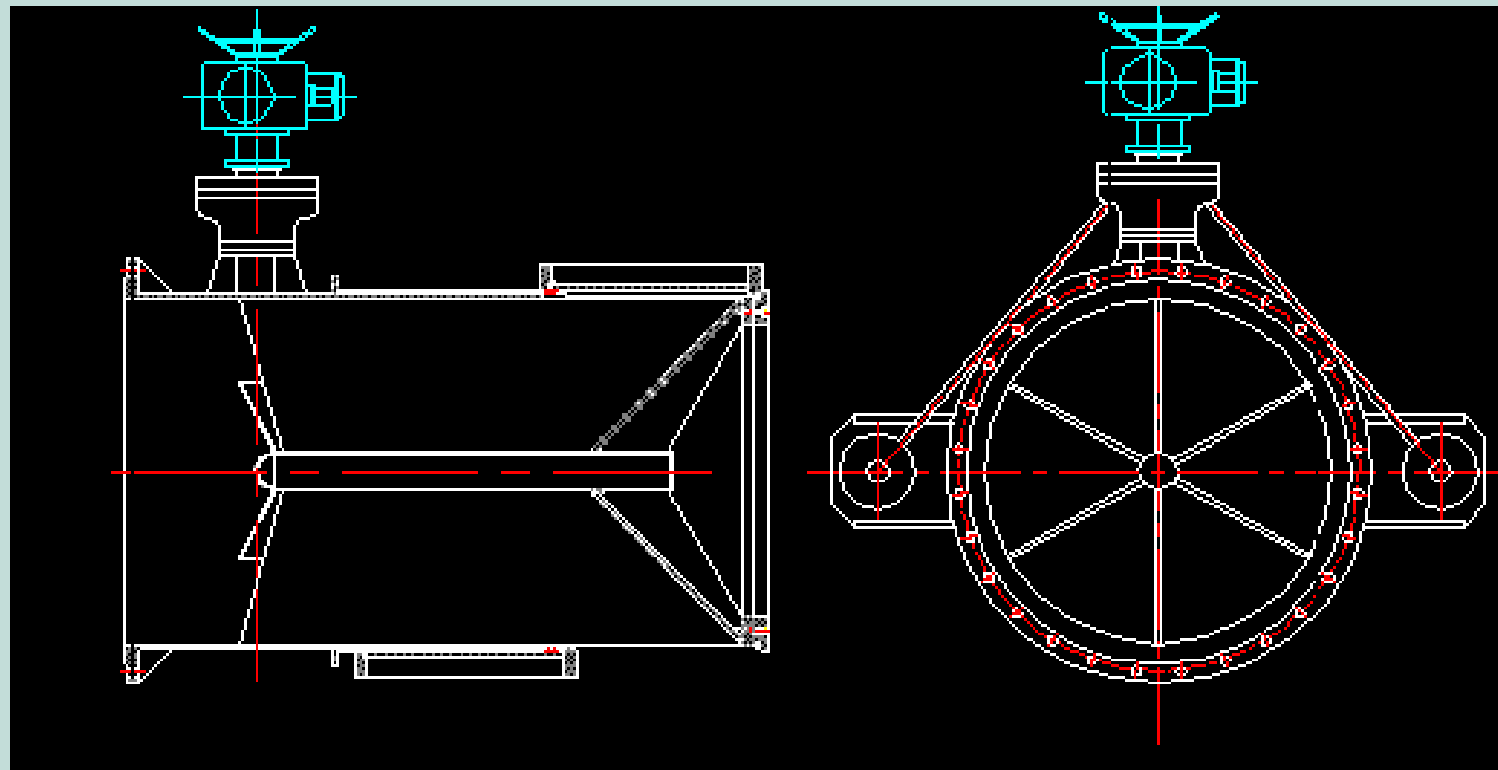
02

The design of the hood should prevent backsplash and provide vibration-free operation.





THE ADVANTAGES



× ×
× ×
× ×
× ×

- Good flow characteristics, with high discharge coefficient.
- Simple structure, light weight
- All drive components are positioned outside the body, easy maintenance .
- Small opening and closing force, easy operation
- Body material use the advanced anti-corrosion materials, can be permanently submerged.
- Fluid through an internal guide ribs 6 uniformly diversion, reducing vibration.

DN1000 Fixed Cone Valve Shipping



Valve manufacturing



More photos



Peek inside
Electric operated
Fixed cone valve
DN800 PN10
WCB

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More photos





Quality Assurance

All phases of the engineering design and fabrication through to final testing of are undertaken by Zhengzhou pump valve in compliance with UNIEN ISO 9001 Quality Management System.



Contact us

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