

Dear Sir,

We are glad to introduce a Unique, Patented Technology which, brings Operational Convenience and easy maintenance as inbuilt benefit of the design.

Normex Valves Pvt. Ltd brings this Unique, Patented latest technology for the first time in India.

A large quantity of these valves has already been exported.

The Benefits of Ball Type NON RETURN VALVE are as follows

The Heart of this valve is a **Hollow cast iron reinforced Rubber Ball**. The Unique Patented design of the Valve allows free Movement of the ball.

The Ball moves to open position when the pump starts and allows free flow of liquid without any interference and the discharge of media will be almost 100%.

As the pump stops the ball sits firmly against metal seat due to its own weight and back pressure of the liquid and this creates a Line Contact. This results in Drop less Sealing.

Normex Ball Type NON RETURN VALVE are

- Dimensionally Compatible with all Flanges Table Drilling (Face to Face).
- Can be Installed Vertically or Horizontally.
- Operates Silently.
- Operates at temp 80°C Continuously (for 100°C application please contact us).
- The Rotation of the ball eliminates the chances of scale formation settlement inside the valve.
- The rotation of the ball also enhances the life of the ball since the water hammering does not falls on the same area of the ball each time.
- Low Pressure Non Return Valve is having both ends threaded and has got all the advantages of standard ball Non Return Valve. This valve works vertically as well as horizontally.

The Benefits of Ball Type Foot Valve are as follows

This is a Unique Design foot Valve which works excellently in Muddy / Clear Water, Sewage, Waste Water, Viscous Liquid, Paper Stock, Slurries, Etc.

The Commonly used flap type foot valve gives perennial problems like priming of the pump clogging, Breaking of the Flap, Etc.

This Ball Type Foot Valves eliminates all such Hassles. The problematic hinged flap is replaced by a free ball. Thick nit riles seal gives perfect sealing.

The foot valve also has got all the advantages of Non Return Valve such as, low head loss, self cleaning, non clogging, etc. This valve must be installed vertically.

Flanged foot valve is heavy duty foot valve having all the advantages of the standard ball Non Return Valve and threaded foot valve.

- Operates Silently.
- Operates at temp 80°C Continuously (for 100°C application please contact us).
- The Rotation of the ball eliminates the chances of scale formation settlement inside the valve.
- The rotation of the ball also enhances the life of the ball since the water hammering does not falls on the same area of the ball each time.
- Low Pressure Non Return Valve is having both ends threaded and has got all the advantages of standard ball Non Return Valve. This valve works vertically as well as horizontally. Available from 25mm to 100 mm and working pressure @ 6Kg/cm².

The Advantages of HGC Non Return Valve and Foot Valves

Working Principle :

When the pump starts the disc moves upwards and the specially designed profile of the disk and body gives passage to the full flow of the liquid / air in the pipeline. This gives the hydrodynamic effect which, results in minimum pressure drop.

When the pump stops, the disc moves backward quickly. Because of long axial guide there is no displacement of the disc while closing and results in perfect sealing. In addition, as the valve is closed before the back flow starts the serious problem of water hammer is eliminated.

Normex HGC model non return valve is High Hydraulic Efficient rigid construction valve designed to give perfect sealing.

Ideal to use for clear Water, Air, Gases, Chemicals having high pressure, high performance and high temperature. In addition this valve has got as in built advantage of preventing the undesired water hammer. This valve is the best alternative for the conventional swing check valve.

HGC foot valves are excellent foot valves for clear water, chemicals pharmaceuticals, etc. The specialty of this valve is

- Perfect Sealing (Guided Closing).
- Can work at a very low suction Head.
- Also works at slanted position (needs to be installed vertically).
- Low Pressure Drop (Hydrodynamic).
- Compact Size Available from 40 mm to 100 mm.
- Can work at Vertical, Horizontal and angular.
- Silent Operation.

Advantages of Normex Butterfly Valves :

- 100% Tight Shut off.
- Low Pressure drop.
- Low Torque in operating the valve.
- Replaceable bonded seat option.
- 100% Tight Seal with the Matching flanges because of Specialized Gasket.
- Easy Automation.