

## Check Valve

### Bolted Cover

These types of valves (Non-Return Valves) are used to stop back flow to the upstream side of the valve. The design of Check Valve (Non-Return Valve) is very simple. A hinged door is placed inside the Swing Check Valve body. With the pressure coming upstream the door is held open; when pressure increases on the downstream side, it forces the door to valve close, stopping any back flow. Mostly all pump discharge line check valves being used. Swing type check valve is performing in vertical and horizontal both lines. Lift check valve have vertical and horizontal both type of design to suit as per line. Flanged End, Check Valves are Swing Check type and the class check valves are Piston Type Lift Check Valves. The piston type valve works up and down providing a strong, firm seal under high pressure conditions.



### DIN Standard

The body guides guarantee the proper alignment of the seat and disk configuration when the valve is closed. The valve is mounted with the flow below the disk, so the pressure and flow rate of the inlet line will force the disk to “float” off the seat, allowing the line liquid to stream through the valve. The fluid pressure that passes through a device opens the valve whereas the valve is closed by any inversion of flow. Piston, or lift check valves use a body-guided disk which moves inside the body up and down.



### Dual Plate Check Valve

#### Features:

- \* Patented retainer-less design – High integrity sealing, facilitates quick disassembly at site
- \* Two independent seats – Consistent sealing even in uneven flow
- \* Raised profile of the soft seat enhances sealing
- \* Integrally moulded liner
- \* Stopper pin prevents the discs from coming into contact with each other and thus prevents disc damage. The stopper pin also prevents spring failure by ensuring that the discs don't travel beyond the full-open position.
- \* Drain connections provided on demand.



## Reflux Valve

Highly sustainable and durable by nature, these valves are fabricated from top grade stainless steel with the use of cutting-edge technology, ensuring their sturdy fabrication and corrosion resistance for long time span. Hugely sought-after in Indian and Foreign market, our range of Stainless-Steel valves is available in different shape and sizes at the most competitive rates. These Valves are generally used to maintain flow of water in only one direction and stop the return flow of water. They are self-operative by pressure only. They are very useful to reduce water hammer effect.



## Single Plate Check Valve

Disc Check Valves are designed to be sandwiched between flanges i.e. wafer type. They are suitable for use on a wide range of fluids for applications in process lines, hot water systems, steam and condensate systems etc. Face-to-face dimensions conform. Disc Check Valves are recommended after traps discharging into closed systems to guarantee Non return or no reverse flow. These check valves can be mounted between pipe flanges in any direction. DCVs feature a compact and rugged stainless-steel design and are suitable for any process liquid & gas, apart from steam.

