

Principle

The reinforced rubber ball is the heart of this valve. This ball in the designed path of the valve moves freely and promptly reacts to the ON & OFF of the pump. The ball moves to open position when the pump starts & allows free flow of liquid without any interference. (Fig. A) As the pump stops, the ball seats firmly against the metal seat due to its own weight & back pressure of the liquid (Fig B) This results in DROPLESS sealing. The overall dimension of this valve will be similar to our Model B-01 except face to face length more by 6 to 10mm.

Features of the Valve

- New generation valve with unique and non-conventional design.
- This check valve can be offered with inside lining of Rubber/FRP
- Also lining of Ebonite hard, Neoprene, Butyl etc.,
- The selection of elastomer can be offered depending on chemicals/abrasives handled.
- Most suitable valve for handling chemicals/abrasives
- Suitable for a very wide range of applications like slurry, sewage, paper, chemical, water supply, agriculture, muddy water, slurry, paper stock, viscous liquid and clear water.
- Robust and very simple mechanism.
- A floating reinforced rubber coated ball is used instead of hinge-pin-disc.
- Highly sensible to arrest flow with perfect sealing.
- Very low head loss
- Non clogging and self cleaning mechanism
- Maintenance free
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- Power saving
- Large solid handling capacity
- Dimensionally conforming with IS 5312
- Installation can be vertically or horizontally
- Operates silently upto 80 oC
- This valve has a quality for withstanding consistent performance and longer life.

